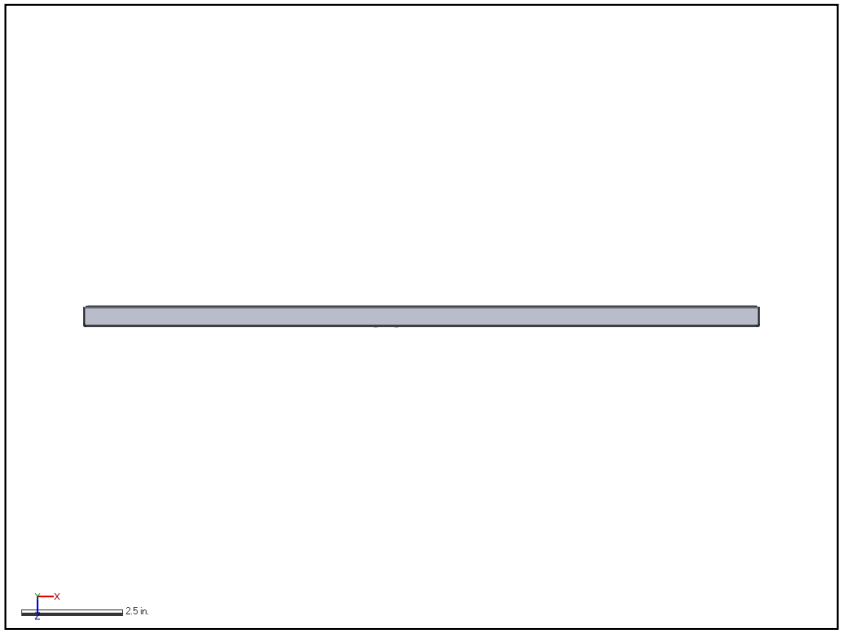
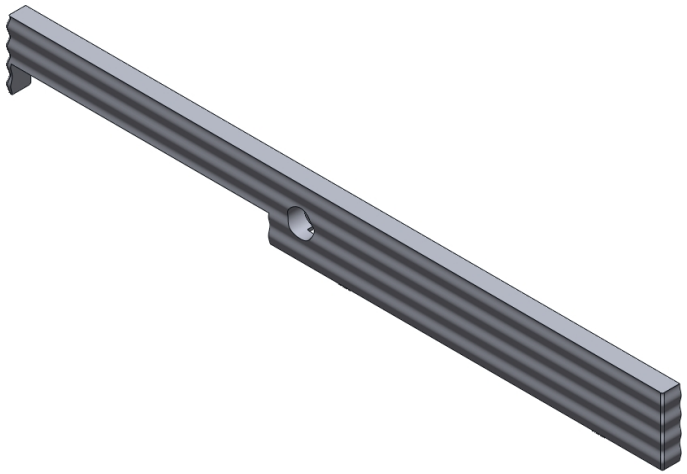
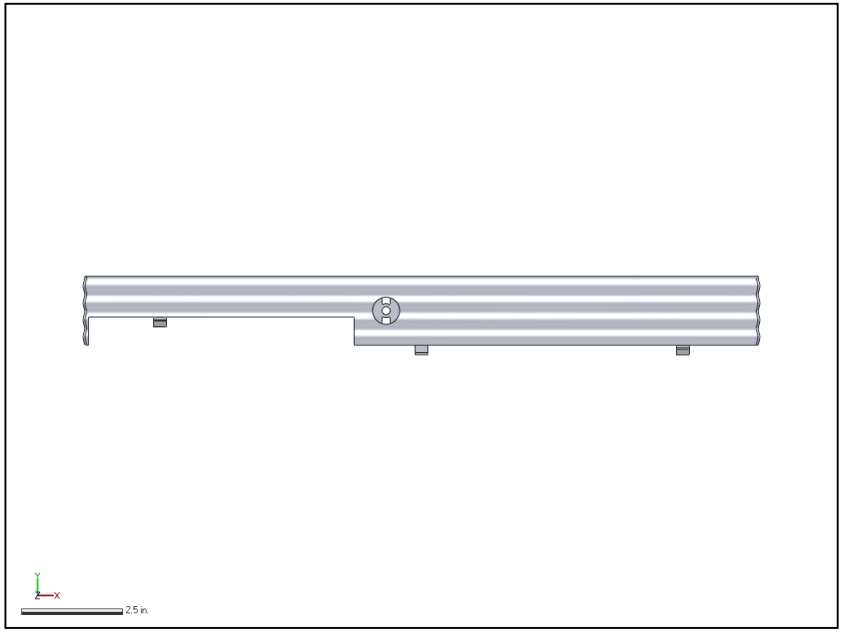
Product Name	[Product Name]
Part Name	Panel 4 Stock Clips
Part Number	[Part Number]
Department	[Department]
Inspector	[Inspector]
Date	Jan 05, 2020
Unit	in.

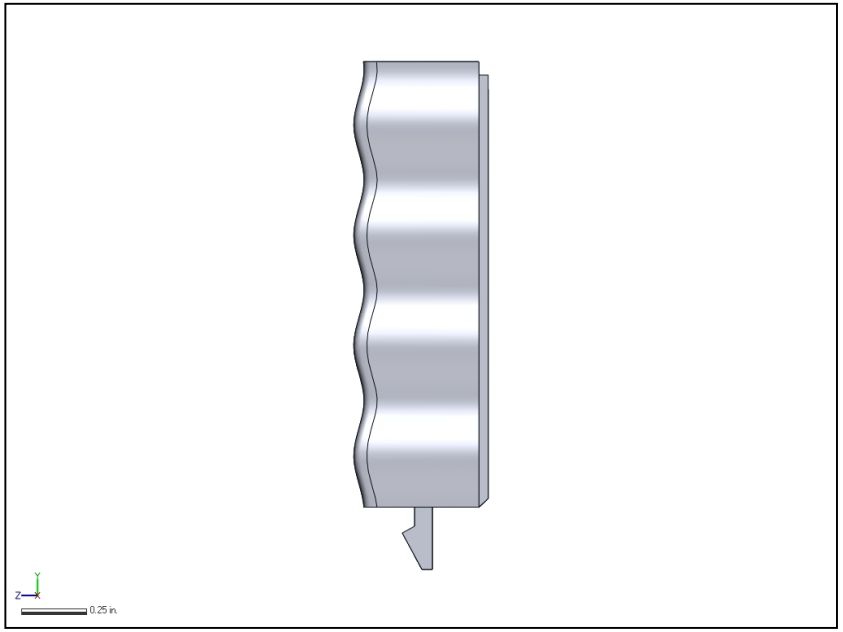
Disclaimer
The results of this analysis and forecastings are believed to be reliable but are not to be construed as providing a warranty, including any warranty of merchantability or fitness for purpose, or representation for which 3D Systems, Inc. assumes legal responsibility. Users should undertake sufficient verification and iterative testing to determine the suitability of any information presented. Nothing herein is to be taken as permission, inducement or recommendation by 3D Systems, Inc. to practice any patented invention without a license or to in any way infringe upon the intellectual property rights of any other party.

Reference Data - Panel 4 Stock Clips



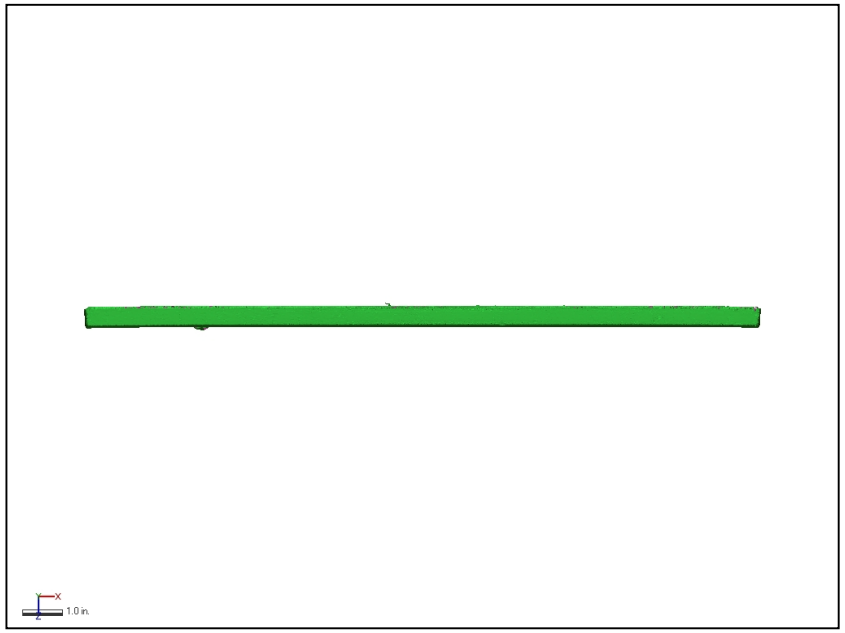


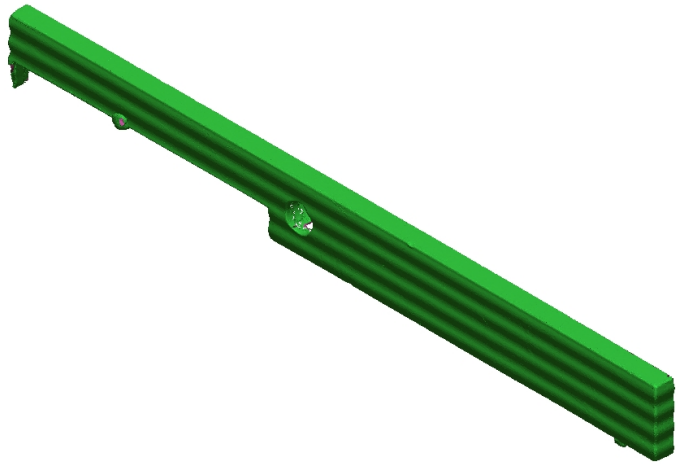


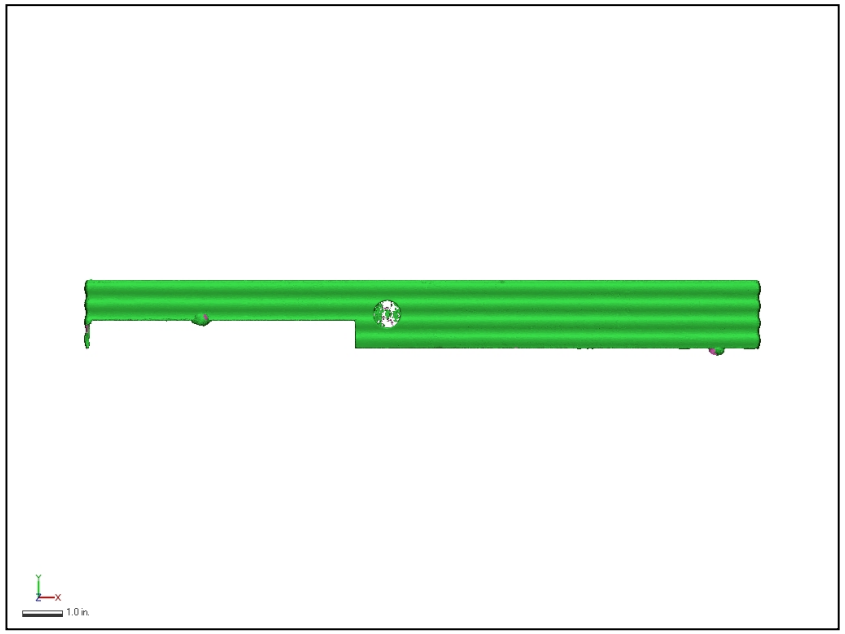


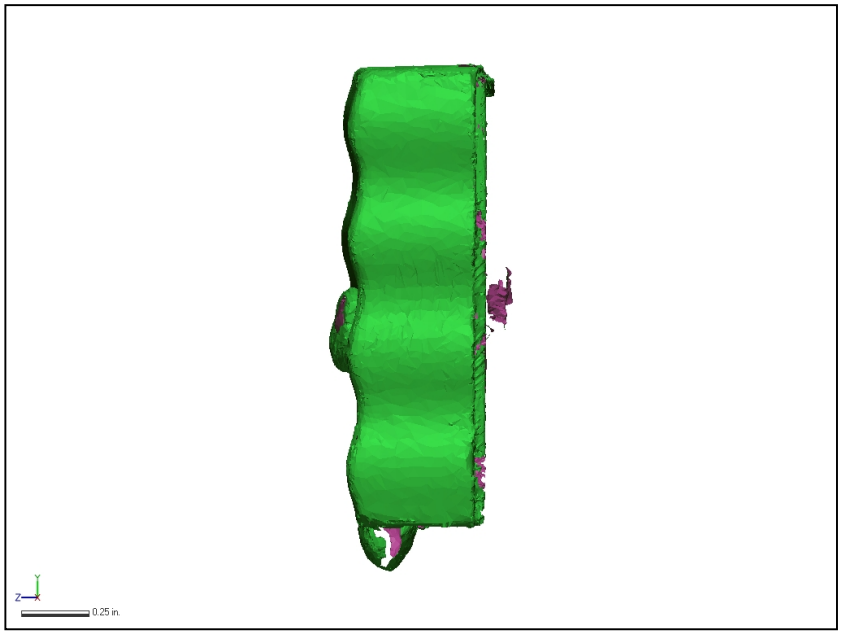
Product Name	[Product Name]	Department	[Department]	Date	Jan 05, 2020
Part Name	[Part Name]	Inspector	[Inspector]	Unit	in.

Measured Data - PANEL 04



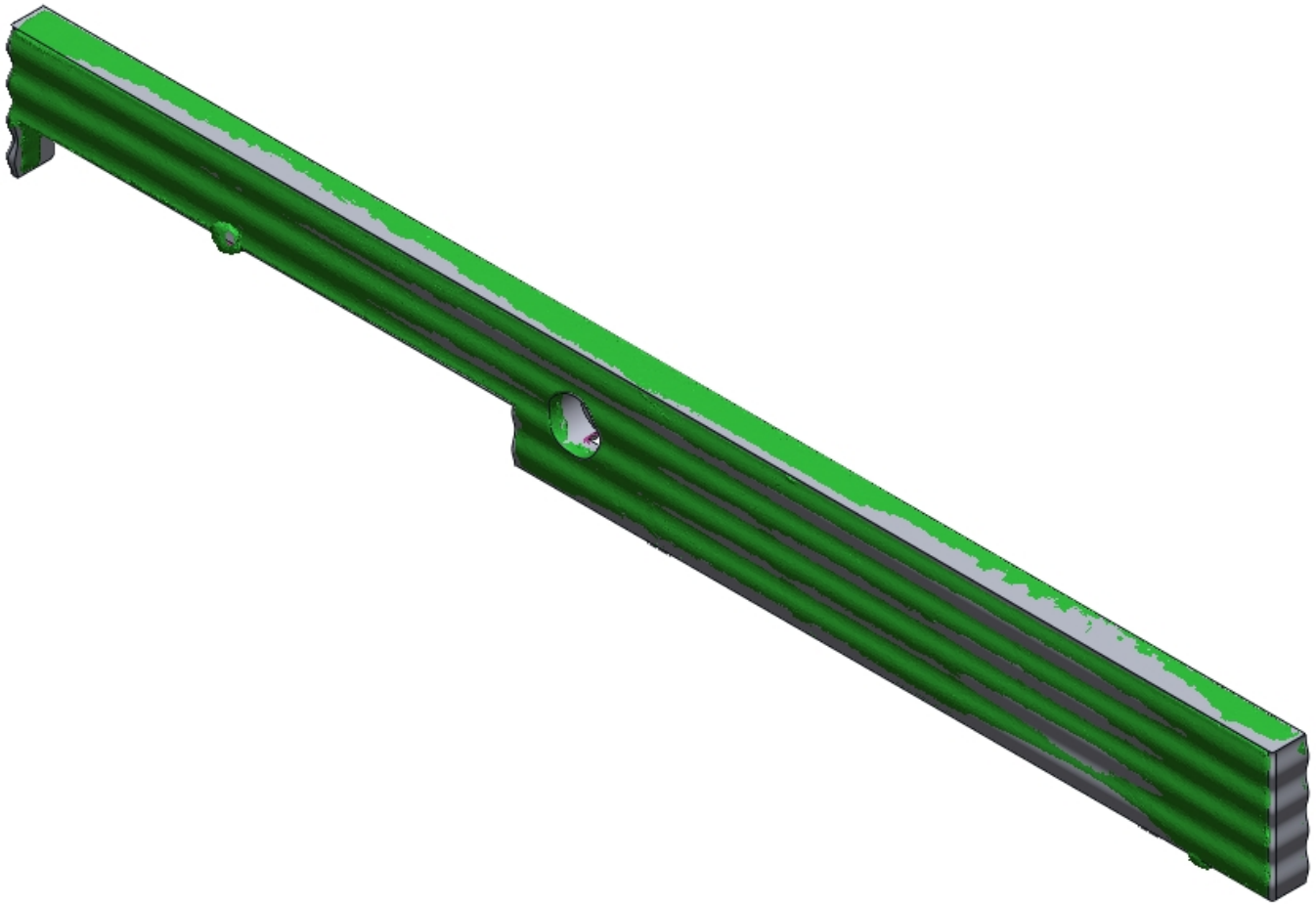


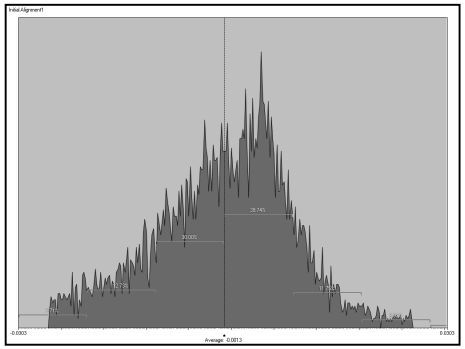




Product Name	[Product Name]	Department	[Department]	Date	Jan 05, 2020
Part Name	[Part Name]	Inspector	[Inspector]	Unit	in.

Initial Alignment1

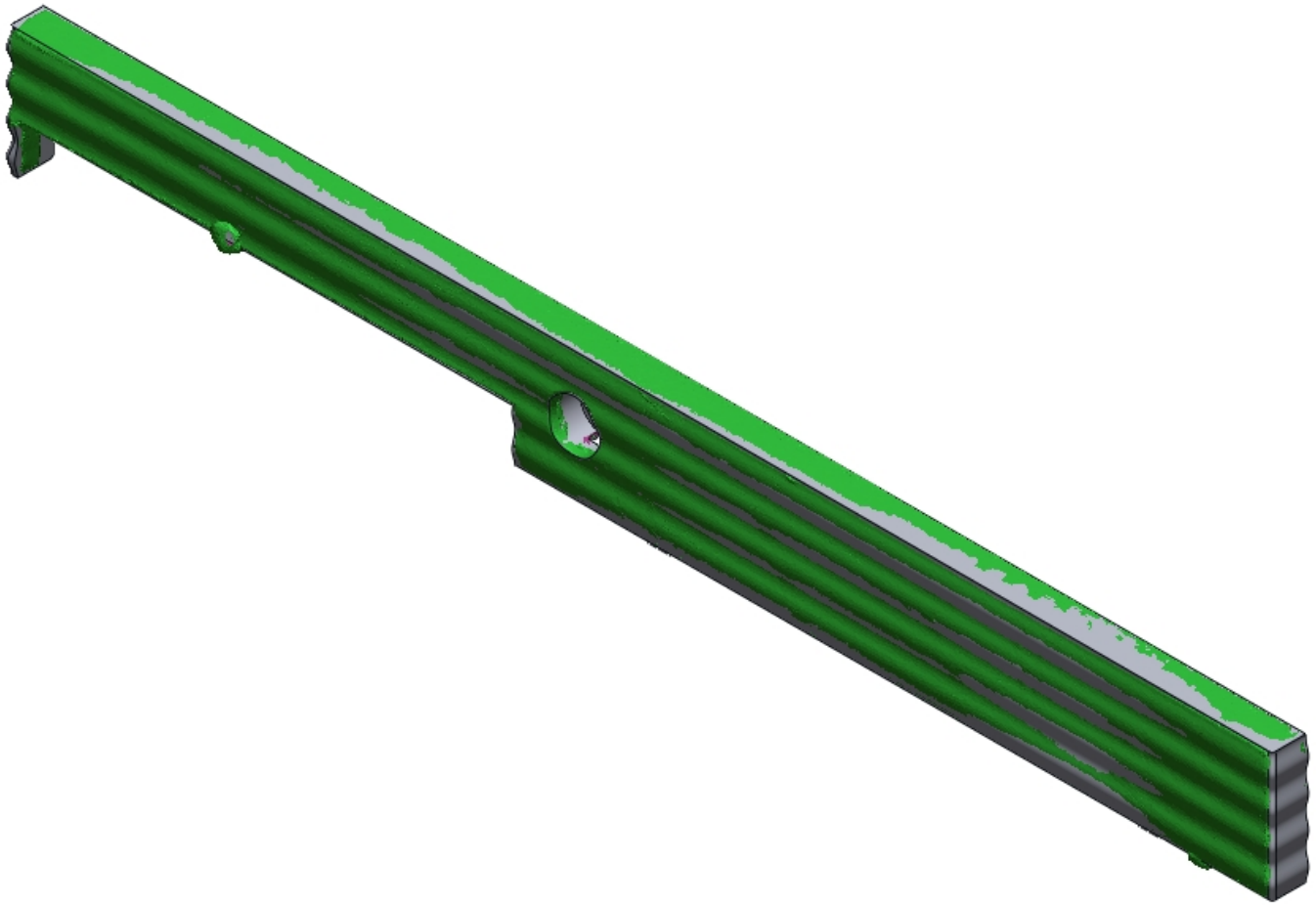


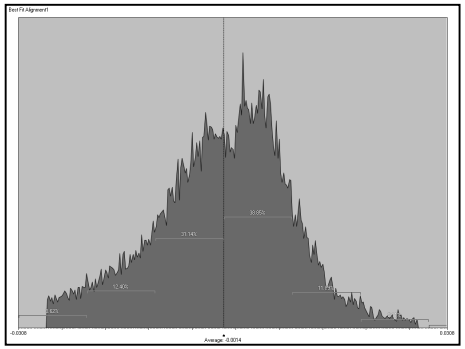


Min.	-0.0258
Max.	0.0253
Avg.	-0.0013
RMS	0.0098
Std. Dev.	0.0097
Var.	0.0024
+Avg.	0.0066
-Avg.	-0.0087

Product Name	[Product Name]	Department	[Department]	Date	Jan 05, 2020
Part Name	[Part Name]	Inspector	[Inspector]	Unit	in.

Best Fit Alignment1

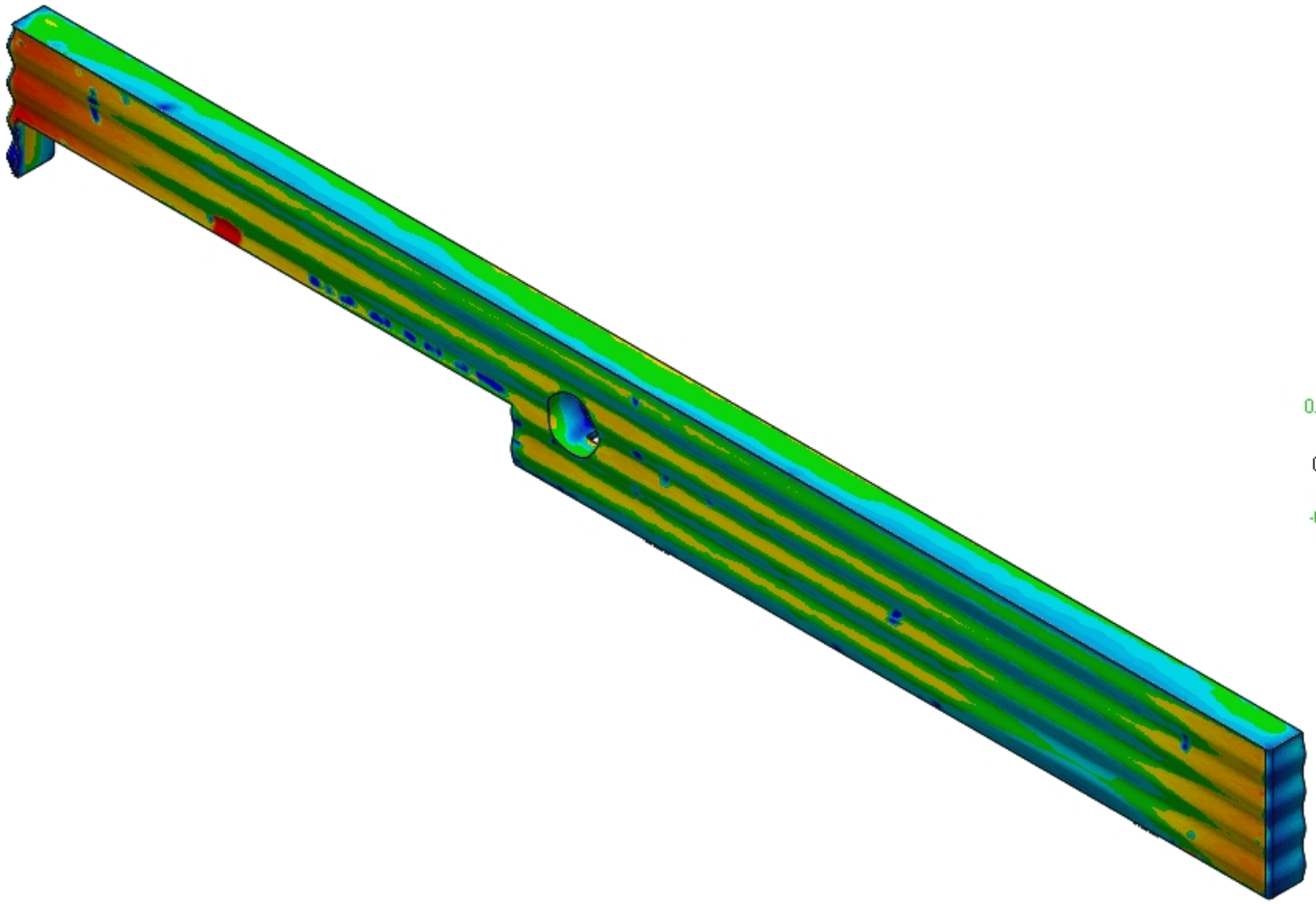


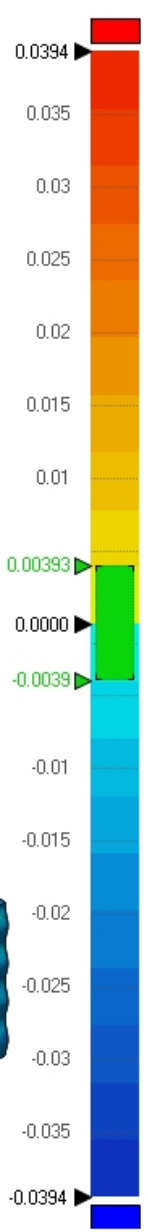


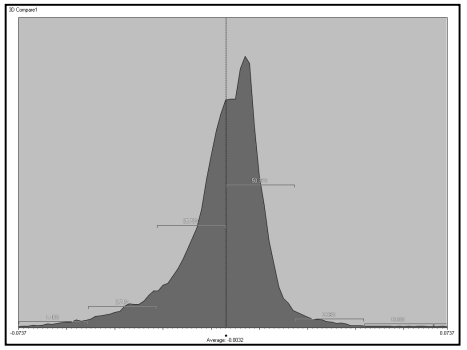
Min.	-0.0265
Max.	0.0265
Avg.	-0.0014
RMS	0.0099
Std. Dev.	0.0098
Var.	0.0024
+Avg.	0.0067
-Avg.	-0.0088

Product Name	[Product Name]	Department	[Department]	Date	Jan 05, 2020
Part Name	[Part Name]	Inspector	[Inspector]	Unit	in.

3D Compare1



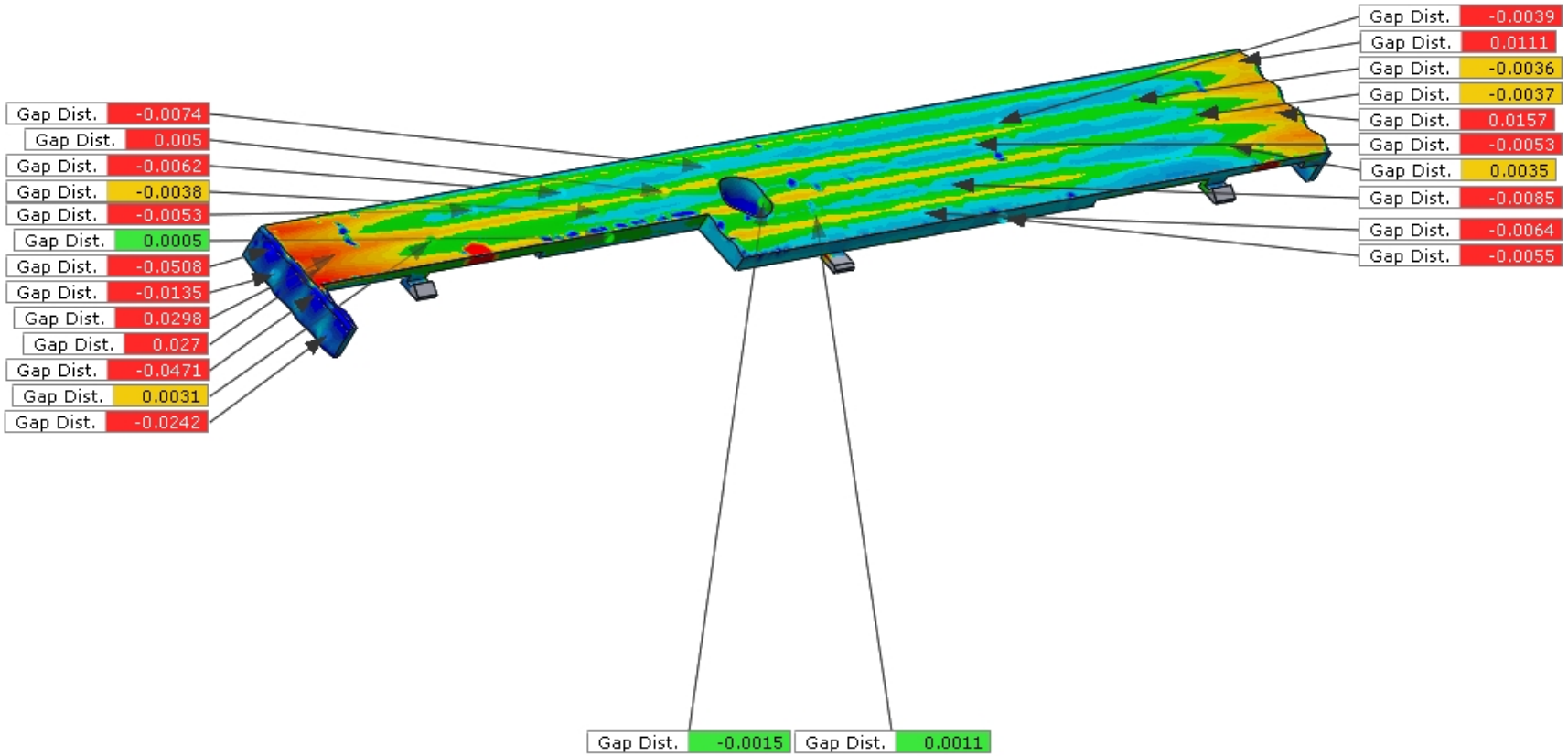




Min.	-0.2078
Max.	0.2099
Avg.	-0.0032
RMS	0.0237
Std. Dev.	0.0235
Var.	0.014
+Avg.	0.0114
-Avg.	-0.015
In Tol.(%)	52.6365
Out Tol.(%)	47.3635
Over Tol.(%)	30.89
Under Tol.(%)	16.4735

Product Name	[Product Name]	Department	[Department]	Date	Jan 05, 2020
Part Name	[Part Name]	Inspector	[Inspector]	Unit	in.

CMP1



Product Name	[Product Name]	Department	[Department]	Date	Jan 05, 2020
Part Name	[Part Name]	Inspector	[Inspector]	Unit	in.

Name	Reference Pos.			Measured Pos.			Gap Dist.	Tolerance
	X	Y	Z	X	Y	Z		
CMP1: 1	0.3408	0.9321	0.4928	0.3408	0.9249	0.5189	0.027	±0.00393701
CMP1: 2	-0.0002	0.2	0.2	0.024	0.1995	0.2	-0.0242	±0.00393701
CMP1: 3	0.0001	0.6	0.4607	0.0471	0.6033	0.46	-0.0471	±0.00393701
CMP1: 4	0.0345	1.2	0.2	0.0478	1.198	0.2	-0.0135	±0.00393701
CMP1: 5	0.0055	1.4	0.4	0.0551	1.4111	0.4	-0.0508	±0.00393701
CMP1: 6	0.7172	1.0719	0.5071	0.7172	1.0779	0.5363	0.0298	±0.00393701
CMP1: 7	2.2838	1.0136	0.5099	2.2838	1.0132	0.5129	0.0031	±0.00393701
CMP1: 8	3.3177	1.3549	0.4939	3.3177	1.3563	0.4888	-0.0053	±0.00393701
CMP1: 9	4.8203	1.37	0.498	4.8203	1.3716	0.4921	-0.0062	±0.00393701
CMP1: 10	5.1189	0.9908	0.5069	5.1189	0.9916	0.5032	-0.0038	±0.00393701
CMP1: 11	5.0522	0.6881	0.4163	5.0522	0.6876	0.4163	0.0005	±0.00393701
CMP1: 12	6.3313	1.1212	0.4955	6.3313	1.1224	0.5004	0.005	±0.00393701
CMP1: 13	7.2513	1.3683	0.4976	7.2513	1.3702	0.4905	-0.0074	±0.00393701
CMP1: 14	7.7856	0.8001	0.4	7.787	0.7999	0.4	-0.0015	±0.00393701
CMP1: 15	8.2748	0.422	0.473	8.2748	0.4219	0.4741	0.0011	±0.00393701
CMP1: 16	9.8325	0.1436	0.5049	9.8325	0.145	0.4987	-0.0064	±0.00393701
CMP1: 17	10.6189	0.4976	0.4886	10.6189	0.4998	0.4804	-0.0085	±0.00393701
CMP1: 18	11.4465	0.9957	0.5078	11.4465	0.9963	0.5026	-0.0053	±0.00393701
CMP1: 19	12.1177	1.2628	0.4734	12.1177	1.2632	0.4695	-0.0039	±0.00393701
CMP1: 20	14.4007	1.2405	0.4723	14.4007	1.2405	0.4687	-0.0036	±0.00393701
CMP1: 21	15.0921	0.8611	0.4755	15.0921	0.8618	0.4719	-0.0037	±0.00393701
CMP1: 22	15.1751	0.3321	0.4825	15.1751	0.333	0.4859	0.0035	±0.00393701
CMP1: 23	16.2501	0.6746	0.5028	16.2501	0.6777	0.5182	0.0157	±0.00393701
CMP1: 24	11.1375	0	0.3501	11.1375	0.0055	0.3501	-0.0055	±0.00393701
CMP1: 25	16.3548	1.4908	0.5071	16.3548	1.4929	0.5179	0.0111	±0.00393701
Min.	-0.0002	0.0000	0.2000	0.0240	0.0055	0.2000	-0.0508	
Max.	16.3548	1.4908	0.5099	16.3548	1.4929	0.5363	0.0298	

Product Name	[Product Name]	Department	[Department]	Date	Jan 05, 2020
Part Name	[Part Name]	Inspector	[Inspector]	Unit	in.

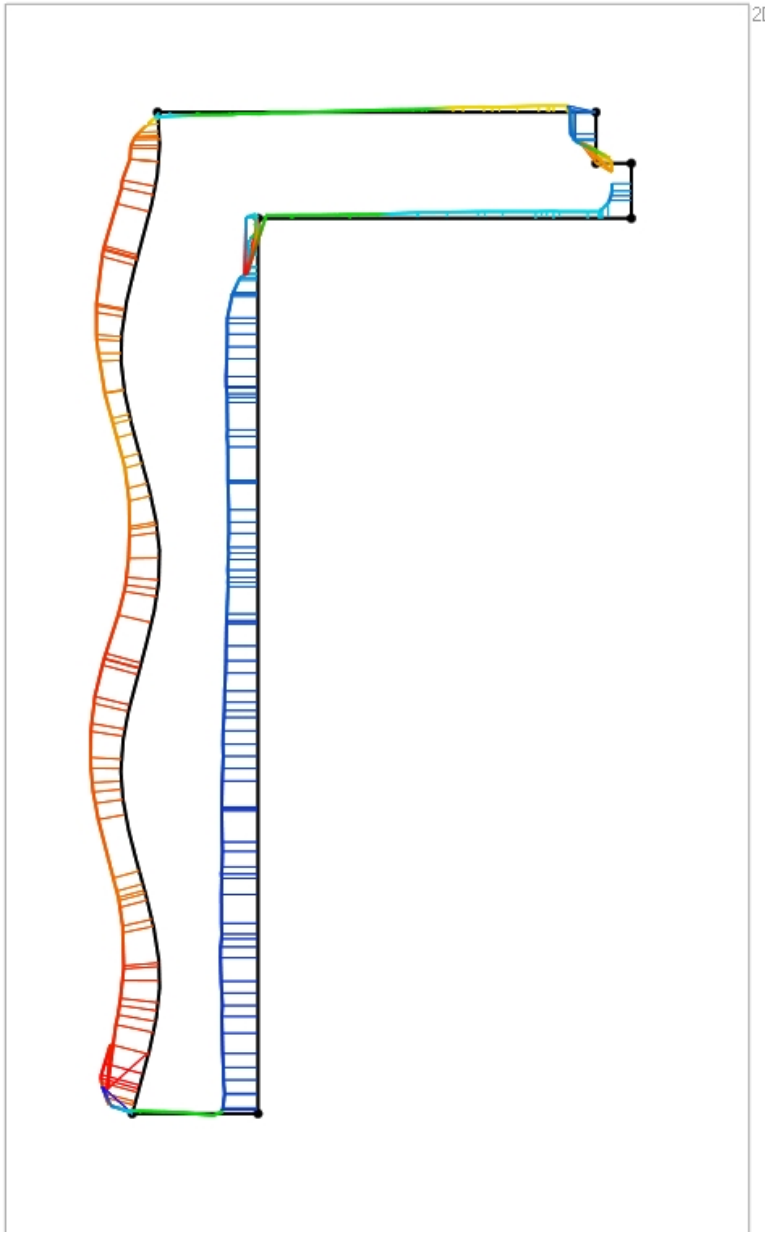
CMP2

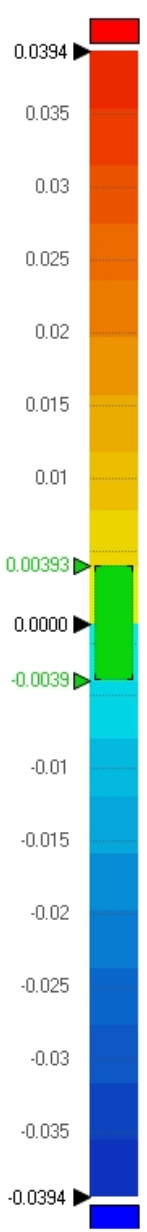
Product Name	[Product Name]	Department	[Department]	Date	Jan 05, 2020
Part Name	[Part Name]	Inspector	[Inspector]	Unit	in.

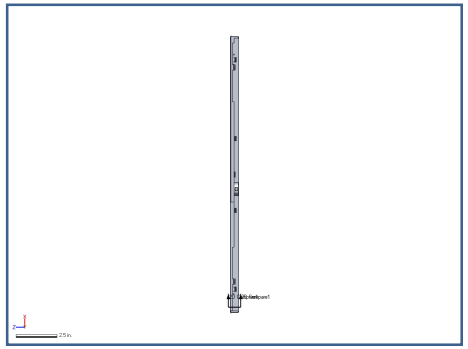
Name	Reference Pos.			Measured Pos.			Gap Dist.	Tolerance
	X	Y	Z	X	Y	Z		
CMP2: 1	0.8	1.4	0.3736	0.8	1.4	0.3953	-0.0217	±0.00393701
CMP2: 2	2.8	1.4	0.3736	2.8	1.4	0.3757	-0.0021	±0.00393701
CMP2: 3	5.6	1.2	0.3736	5.6	1.2	0.3688	0.0049	±0.00393701
CMP2: 4	7	1.2	0.3736	7	1.2	0.3702	0.0034	±0.00393701
CMP2: 5	8.2	0.4	0.3736	8.2	0.4	0.3678	0.0059	±0.00393701
CMP2: 6	9.6	0.8	0.3736	9.6	0.8	0.3698	0.0038	±0.00393701
CMP2: 7	11.2	0.6	0.3736	11.2	0.6	0.3706	0.0031	±0.00393701
CMP2: 8	12.4	0.6	0.3736	12.4	0.6	0.3736	0.0001	±0.00393701
CMP2: 9	13.6	0.8	0.3736	13.6	0.8	0.3649	0.0087	±0.00393701
CMP2: 10	14.8	1	0.3736	14.8	1	0.3778	-0.0041	±0.00393701
CMP2: 11	15.8	0.8	0.3736	15.8	0.8	0.3848	-0.0111	±0.00393701
CMP2: 12	16.5222	0.1672	0.1513	16.5333	0.1672	0.1513	-0.0111	±0.00393701
CMP2: 13	14.4	1.4	0.3736	14.4	1.4	0.3755	-0.0019	±0.00393701
CMP2: 14	9.6	1.4	0.3736	9.6	1.4	0.3671	0.0065	±0.00393701
CMP2: 15	7.4	1.4	0.3736	7.4	1.4	0.3707	0.0029	±0.00393701
CMP2: 16	5	1.4	0.3736	5	1.4	0.3695	0.0042	±0.00393701
CMP2: 17	6.6691	0.2498	0.37	6.6769	0.2498	0.37	-0.0078	±0.00393701
CMP2: 18	3.4	1.4	0.3736	3.4	1.4	0.3743	-0.0006	±0.00393701
CMP2: 19	0.0033	1.4897	0.2134	0.0303	1.4843	0.2134	-0.0276	±0.00393701
CMP2: 20	3.2	1.5846	0	3.2	1.5846	-0.0071	0.0071	±0.00393701
Min.	0.0033	0.1672	0.0000	0.0303	0.1672	-0.0071	-0.0276	
Max.	16.5222	1.5846	0.3736	16.5333	1.5846	0.3953	0.0087	

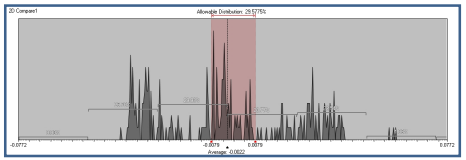
Product Name	[Product Name]	Department	[Department]	Date	Jan 05, 2020
Part Name	[Part Name]	Inspector	[Inspector]	Unit	in.

2D Compare1





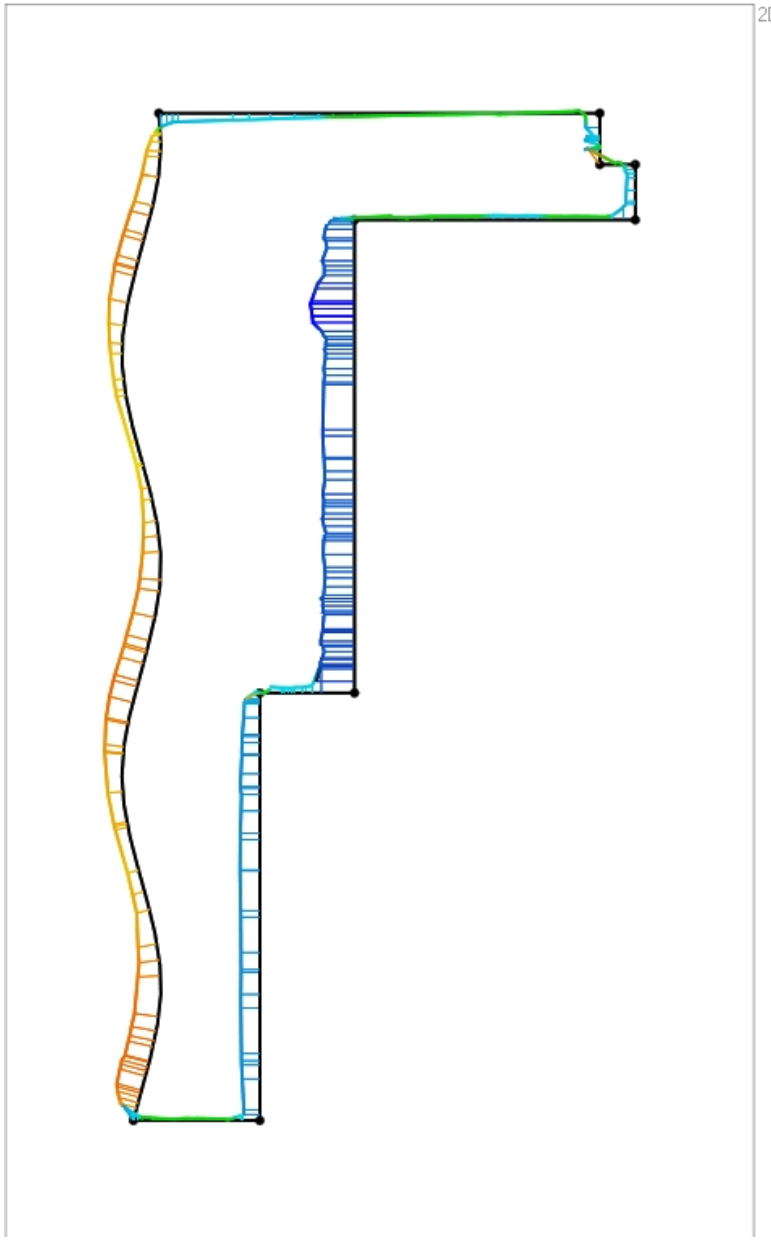


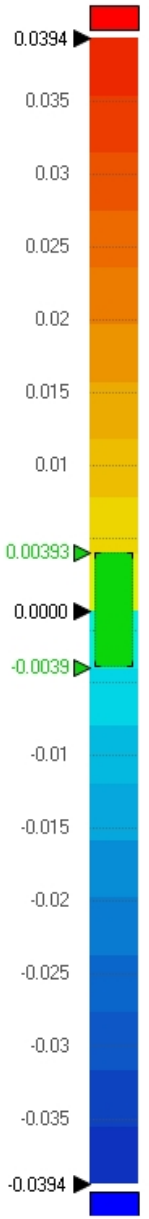


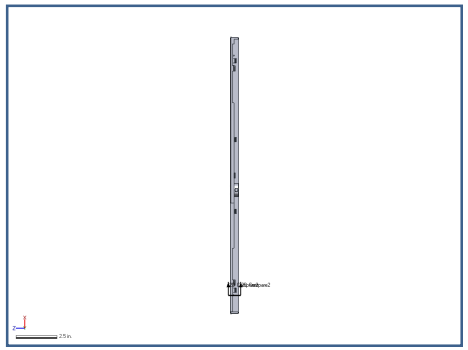
Min.	-0.0402
Max.	0.0589
Avg.	-0.0022
RMS	0.0251
Std. Dev.	0.025
Var.	0.0159
+Avg.	0.0238
-Avg.	-0.0194
In Tol.(%)	29.5775
Out Tol.(%)	70.4225
Over Tol.(%)	30.9859
Under Tol.(%)	39.4366

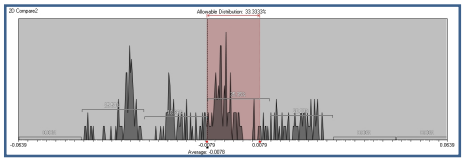
Product Name	[Product Name]	Department	[Department]	Date	Jan 05, 2020
Part Name	[Part Name]	Inspector	[Inspector]	Unit	in.

2D Compare2





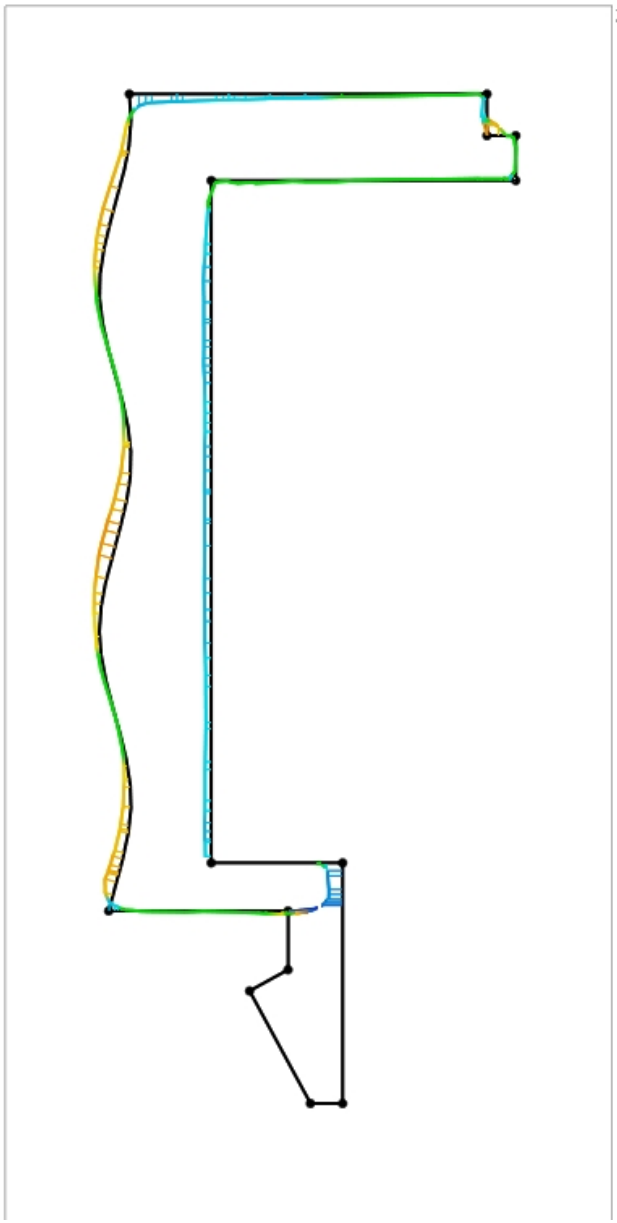


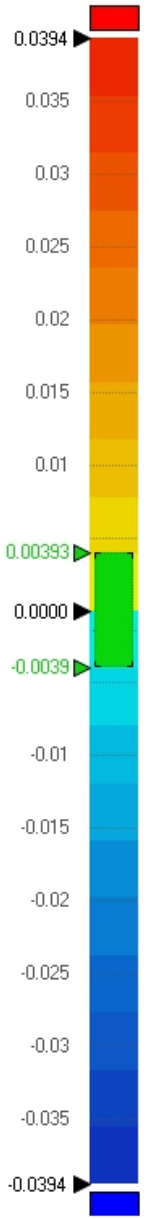


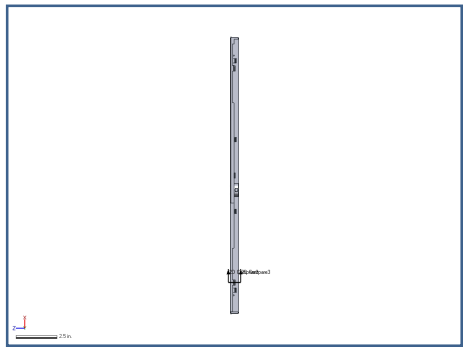
Min.	-0.0441
Max.	0.027
Avg.	-0.0078
RMS	0.0202
Std. Dev.	0.0187
Var.	0.0089
+Avg.	0.015
-Avg.	-0.0172
In Tol.(%)	33.3333
Out Tol.(%)	66.6667
Over Tol.(%)	22.5589
Under Tol.(%)	44.1077

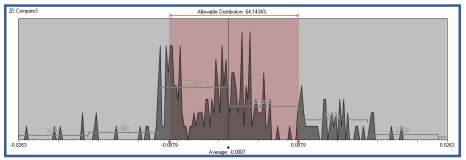
Product Name	[Product Name]	Department	[Department]	Date	Jan 05, 2020
Part Name	[Part Name]	Inspector	[Inspector]	Unit	in.

2D Compare3





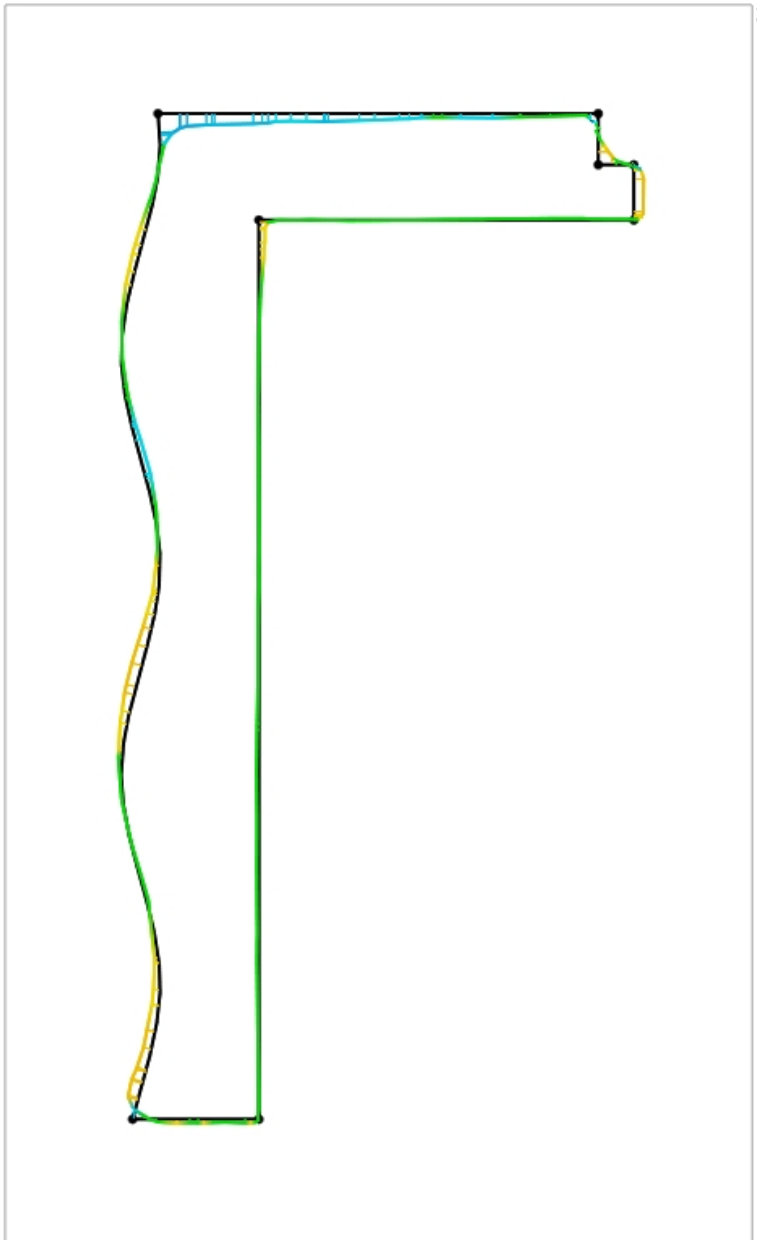


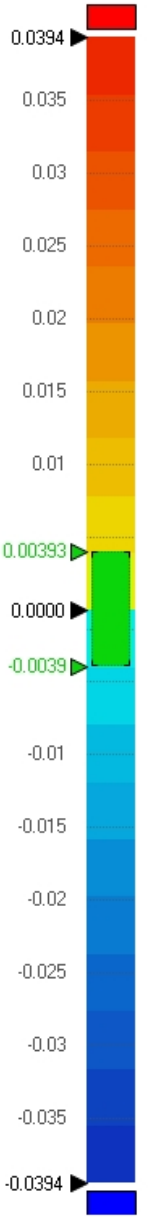


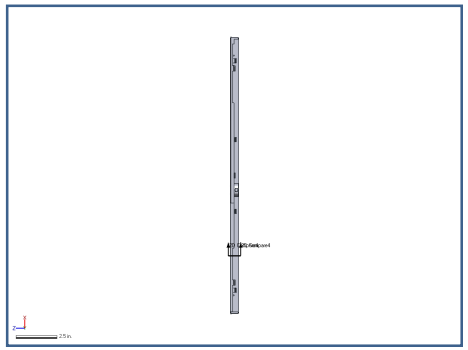
Min.	-0.0364
Max.	0.0246
Avg.	-0.0007
RMS	0.0086
Std. Dev.	0.0085
Var.	0.0019
+Avg.	0.0067
-Avg.	-0.0063
In Tol.(%)	64.1434
Out Tol.(%)	35.8566
Over Tol.(%)	18.3267
Under Tol.(%)	17.5299

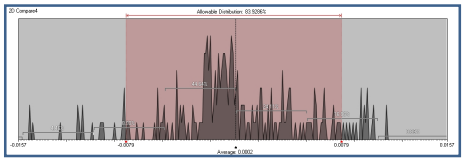
Product Name	[Product Name]	Department	[Department]	Date	Jan 05, 2020
Part Name	[Part Name]	Inspector	[Inspector]	Unit	in.

2D Compare4





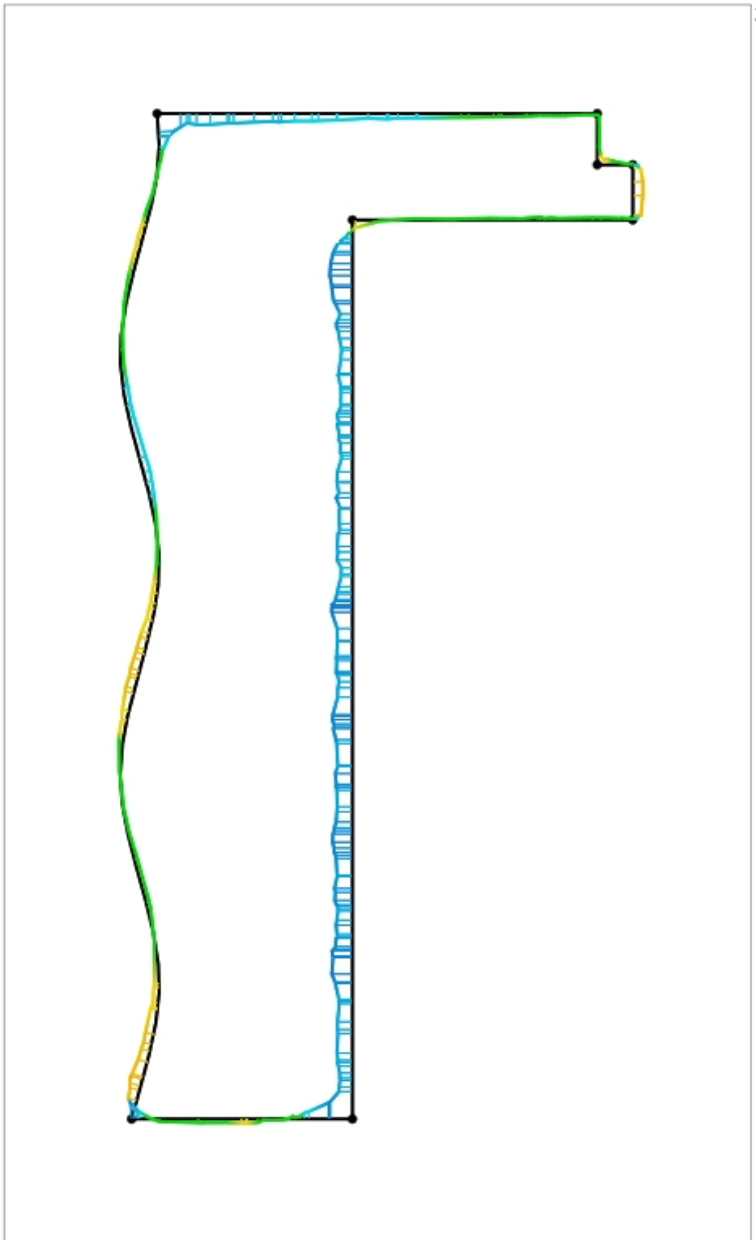


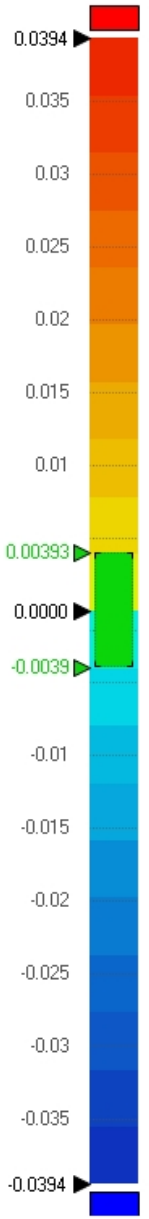


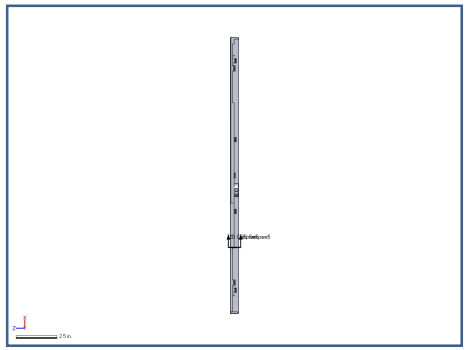
Min.	-0.0149
Max.	0.0113
Avg.	0.0002
RMS	0.0052
Std. Dev.	0.0052
Var.	0.0007
+Avg.	0.0045
-Avg.	-0.0033
In Tol.(%)	83.9286
Out Tol.(%)	16.0714
Over Tol.(%)	8.4821
Under Tol.(%)	7.5893

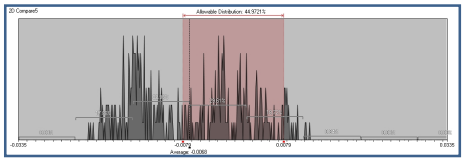
Product Name	[Product Name]	Department	[Department]	Date	Jan 05, 2020
Part Name	[Part Name]	Inspector	[Inspector]	Unit	in.

2D Compare5





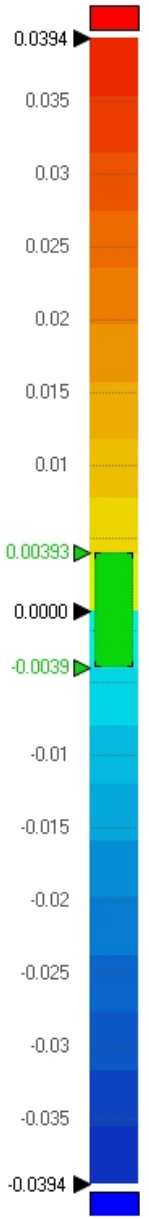


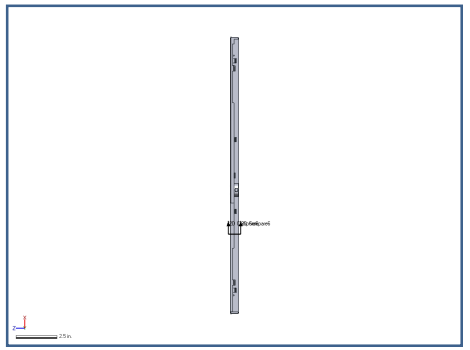


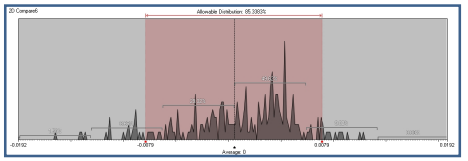
Min.	-0.0225
Max.	0.012
Avg.	-0.0068
RMS	0.0112
Std. Dev.	0.0089
Var.	0.002
+Avg.	0.0046
-Avg.	-0.0111
In Tol.(%)	44.9721
Out Tol.(%)	55.0279
Over Tol.(%)	6.1453
Under Tol.(%)	48.8827

Product Name	[Product Name]	Department	[Department]	Date	Jan 05, 2020
Part Name	[Part Name]	Inspector	[Inspector]	Unit	in.

2D Compare6



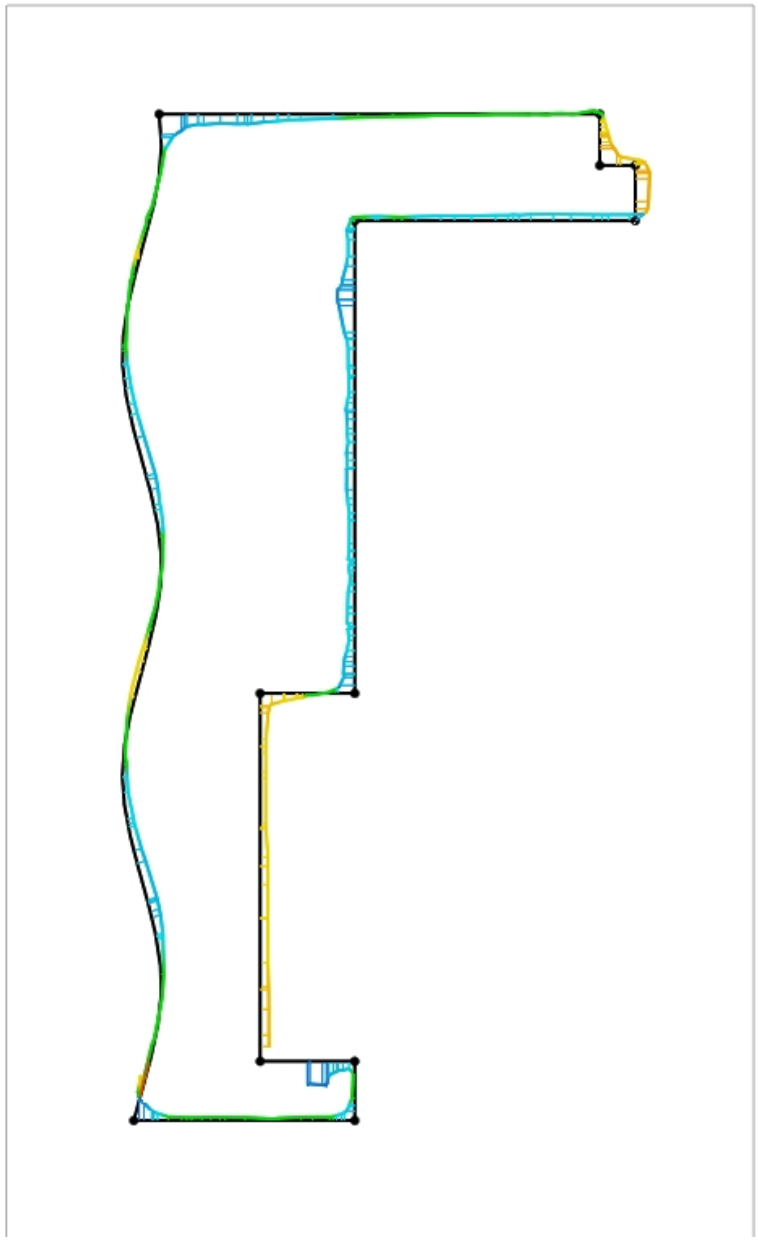


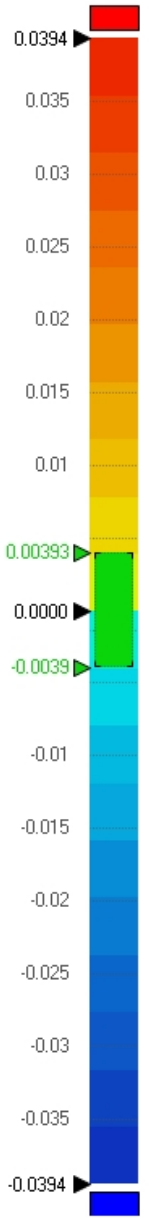


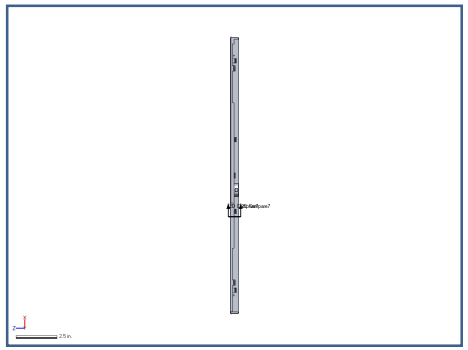
Min.	-0.0281
Max.	0.0118
Avg.	0
RMS	0.0064
Std. Dev.	0.0064
Var.	0.001
+Avg.	0.0039
-Avg.	-0.0056
In Tol.(%)	85.3383
Out Tol.(%)	14.6617
Over Tol.(%)	4.8872
Under Tol.(%)	9.7744

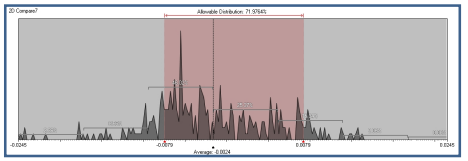
Product Name	[Product Name]	Department	[Department]	Date	Jan 05, 2020
Part Name	[Part Name]	Inspector	[Inspector]	Unit	in.

2D Compare7





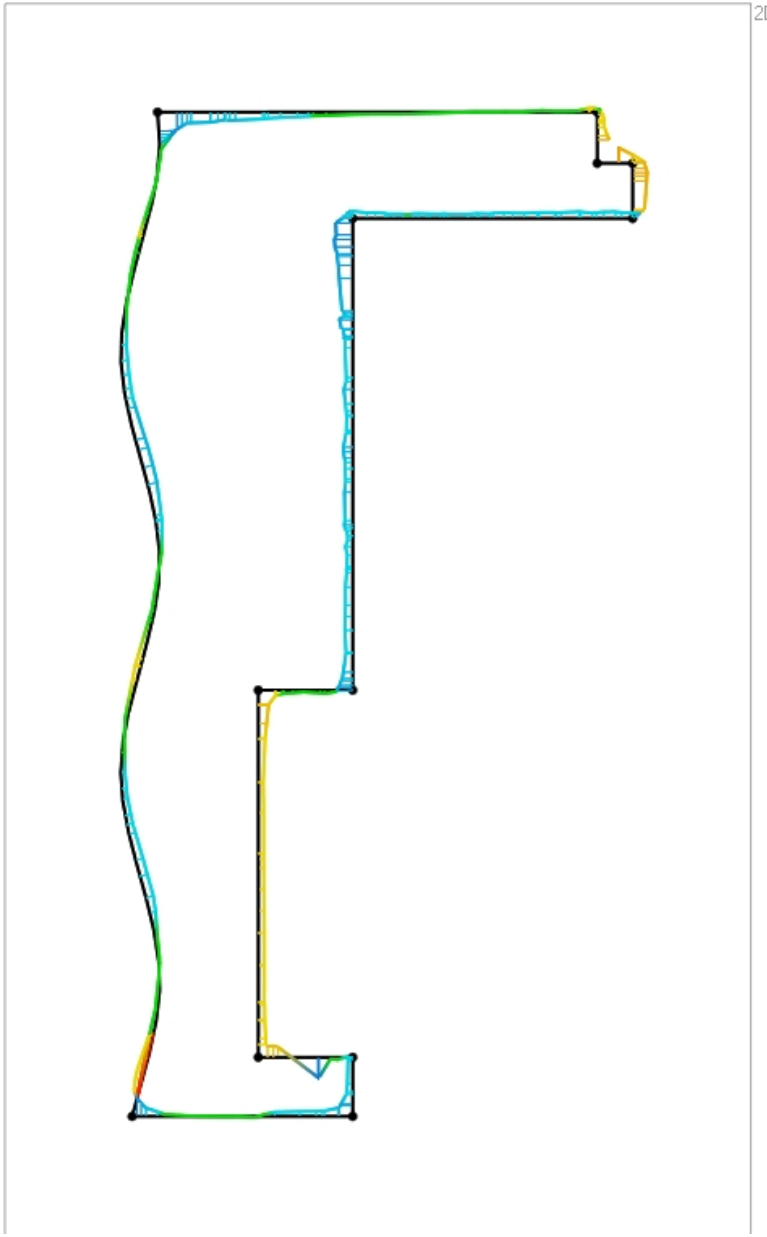


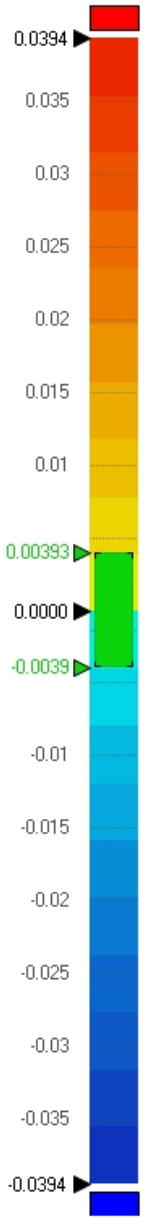


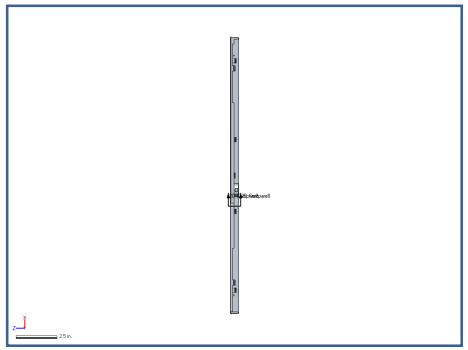
Min.	-0.0241
Max.	0.0362
Avg.	-0.0024
RMS	0.0077
Std. Dev.	0.0074
Var.	0.0014
+Avg.	0.0061
-Avg.	-0.0064
In Tol.(%)	71.9764
Out Tol.(%)	28.0236
Over Tol.(%)	9.1445
Under Tol.(%)	18.8791

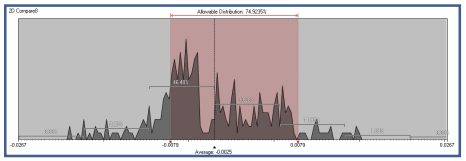
Product Name	[Product Name]	Department	[Department]	Date	Jan 05, 2020
Part Name	[Part Name]	Inspector	[Inspector]	Unit	in.

2D Compare8





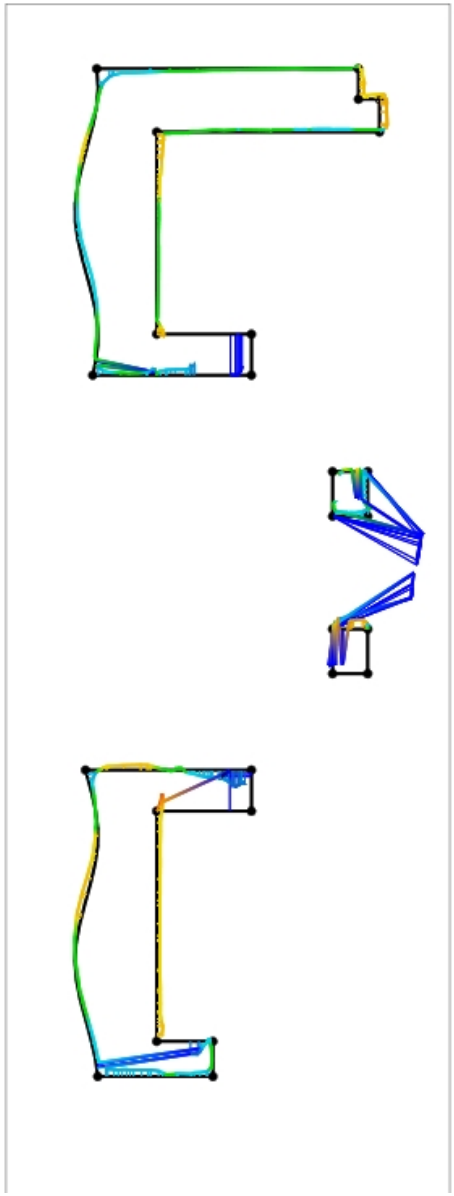


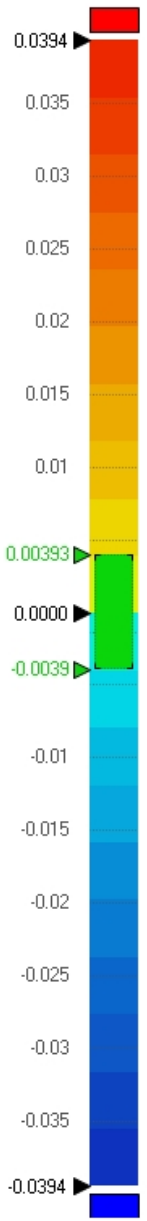


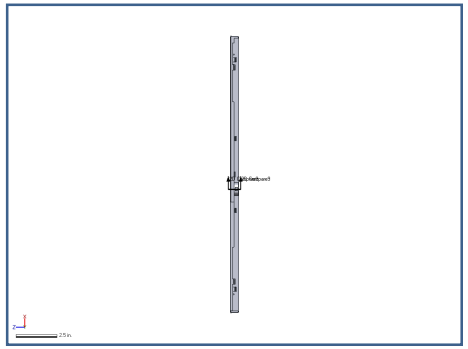
Min.	-0.0203
Max.	0.0695
Avg.	-0.0025
RMS	0.0084
Std. Dev.	0.0081
Var.	0.0017
+Avg.	0.006
-Avg.	-0.0068
In Tol.(%)	74.9235
Out Tol.(%)	25.0765
Over Tol.(%)	6.7278
Under Tol.(%)	18.3486

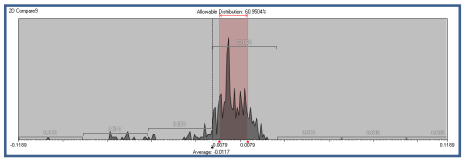
Product Name	[Product Name]	Department	[Department]	Date	Jan 05, 2020
Part Name	[Part Name]	Inspector	[Inspector]	Unit	in.

2D Compare9





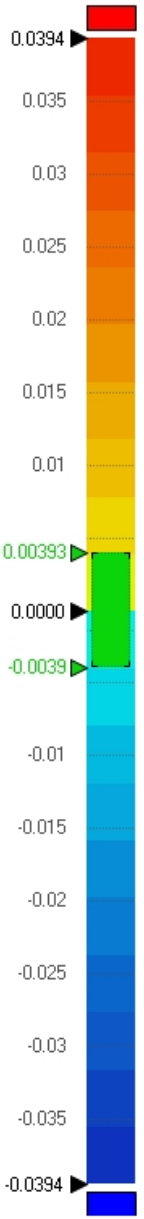


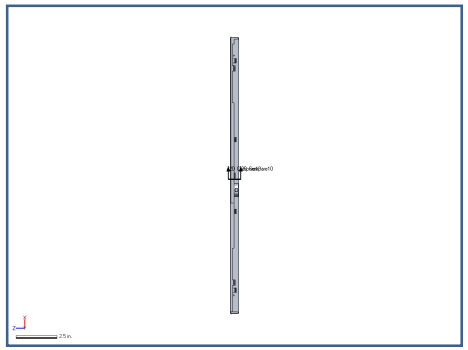


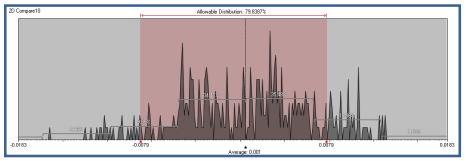
Min.	-0.1781
Max.	0.0305
Avg.	-0.0117
RMS	0.0376
Std. Dev.	0.0357
Var.	0.0324
+Avg.	0.0063
-Avg.	-0.0225
In Tol.(%)	60.9504
Out Tol.(%)	39.0496
Over Tol.(%)	11.9835
Under Tol.(%)	27.0661

Product Name	[Product Name]	Department	[Department]	Date	Jan 05, 2020
Part Name	[Part Name]	Inspector	[Inspector]	Unit	in.

2D Compare10



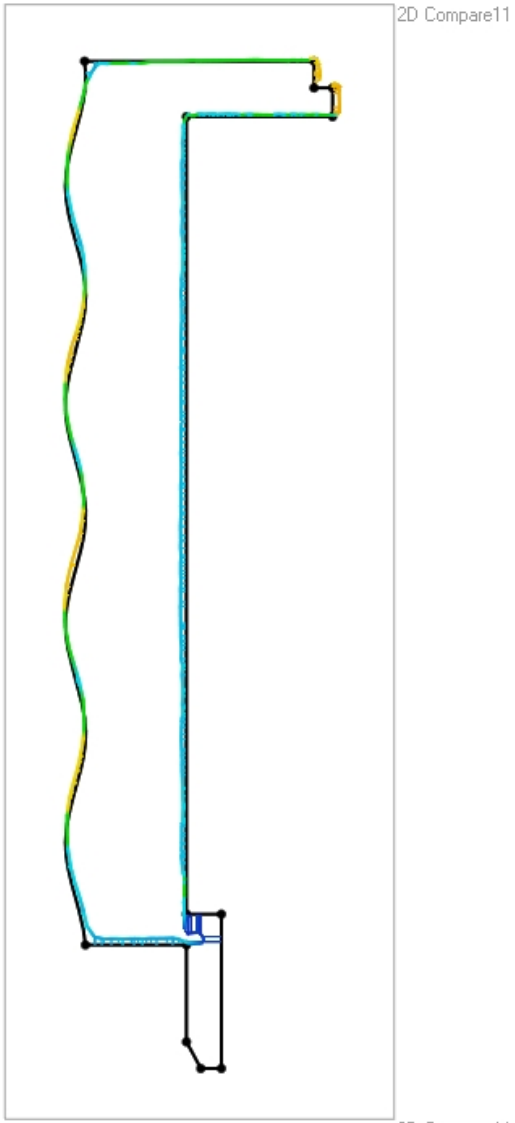


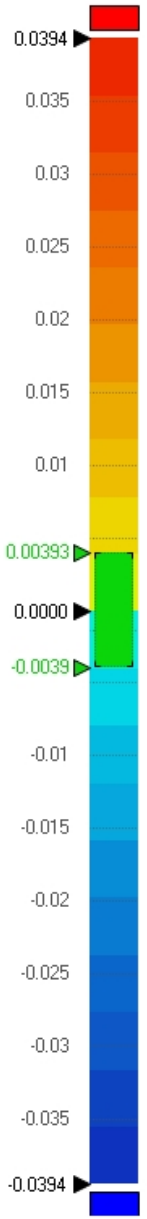


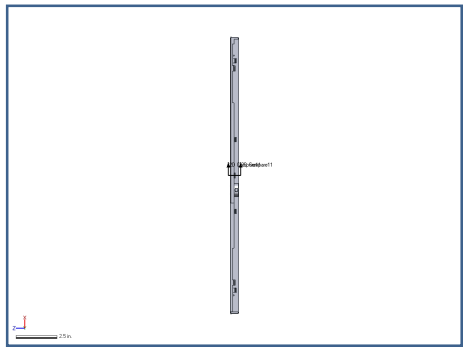
Min.	-0.0189
Max.	0.0132
Avg.	0.001
RMS	0.0058
Std. Dev.	0.0057
Var.	0.0008
+Avg.	0.0051
-Avg.	-0.0045
In Tol.(%)	79.8387
Out Tol.(%)	20.1613
Over Tol.(%)	13.4409
Under Tol.(%)	6.7204

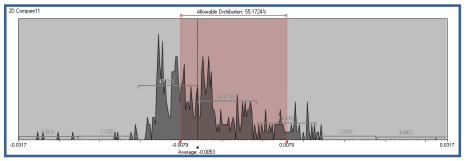
Product Name	[Product Name]	Department	[Department]	Date	Jan 05, 2020
Part Name	[Part Name]	Inspector	[Inspector]	Unit	in.

2D Compare11





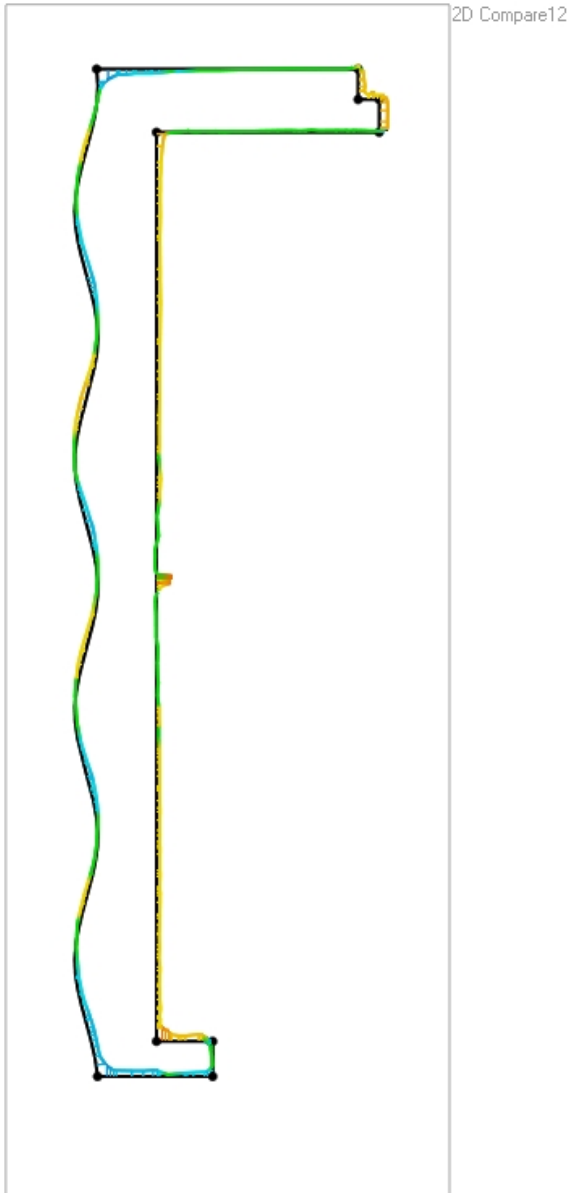


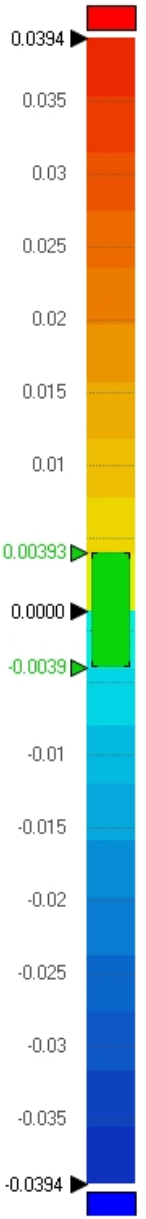


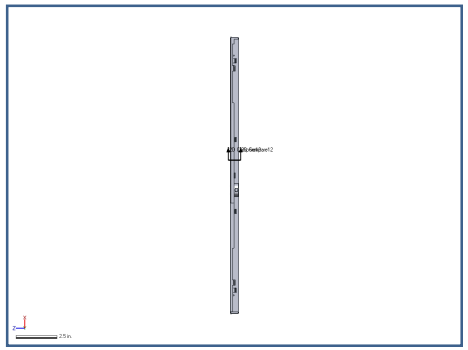
Min.	-0.038
Max.	0.0131
Avg.	-0.0053
RMS	0.0103
Std. Dev.	0.0088
Var.	0.002
+Avg.	0.0054
-Avg.	-0.0088
In Tol.(%)	55.1724
Out Tol.(%)	44.8276
Over Tol.(%)	6.8966
Under Tol.(%)	37.931

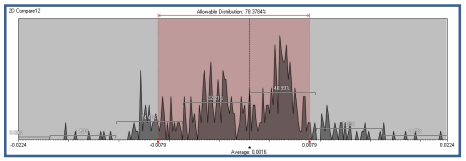
Product Name	[Product Name]	Department	[Department]	Date	Jan 05, 2020
Part Name	[Part Name]	Inspector	[Inspector]	Unit	in.

2D Compare12





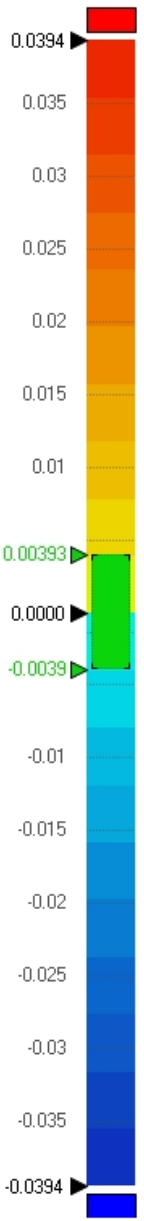


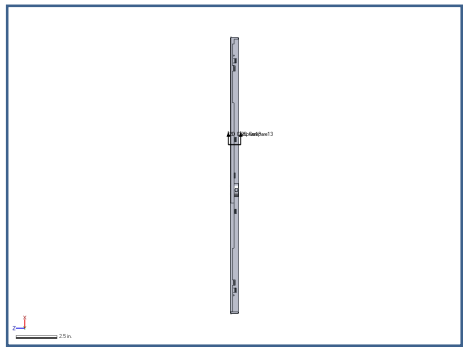


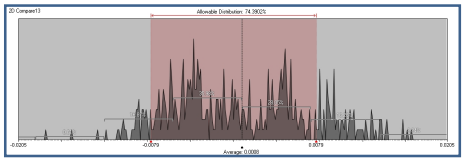
Min.	-0.0174
Max.	0.0271
Avg.	0.0016
RMS	0.0071
Std. Dev.	0.0069
Var.	0.0012
+Avg.	0.0064
-Avg.	-0.0046
In Tol.(%)	78.3784
Out Tol.(%)	21.6216
Over Tol.(%)	12.1622
Under Tol.(%)	9.4595

Product Name	[Product Name]	Department	[Department]	Date	Jan 05, 2020
Part Name	[Part Name]	Inspector	[Inspector]	Unit	in.

2D Compare13



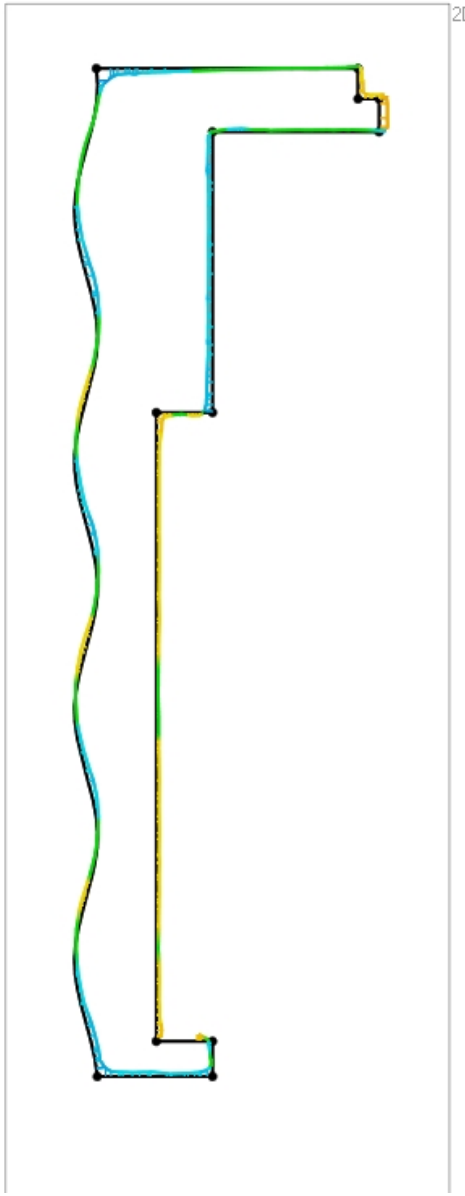


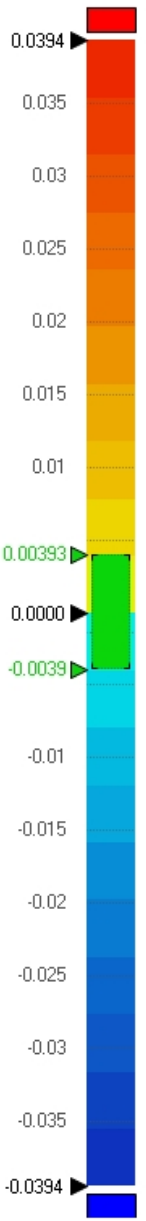


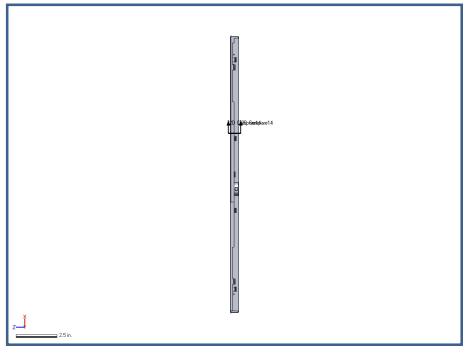
Min.	-0.0179
Max.	0.0171
Avg.	0.0008
RMS	0.0066
Std. Dev.	0.0066
Var.	0.0011
+Avg.	0.0064
-Avg.	-0.0048
In Tol.(%)	74.3902
Out Tol.(%)	25.6098
Over Tol.(%)	18.0894
Under Tol.(%)	7.5203

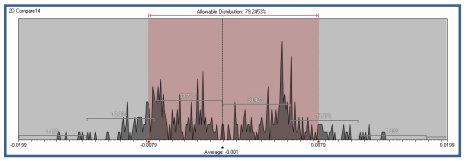
Product Name	[Product Name]	Department	[Department]	Date	Jan 05, 2020
Part Name	[Part Name]	Inspector	[Inspector]	Unit	in.

2D Compare14





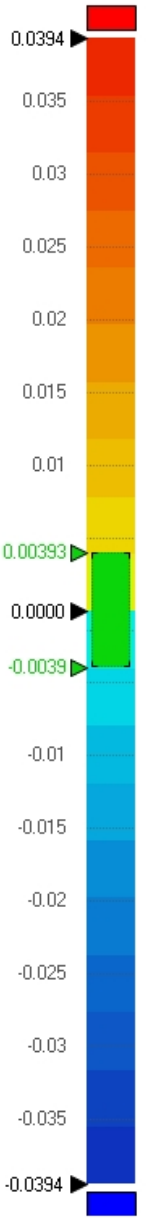


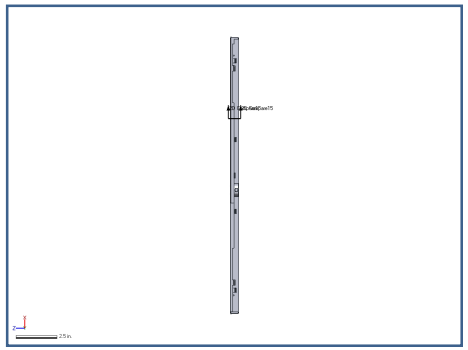


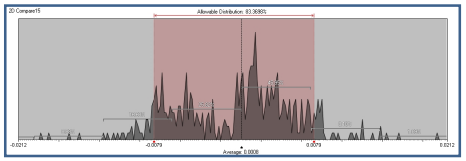
Min.	-0.0162
Max.	0.014
Avg.	-0.001
RMS	0.0064
Std. Dev.	0.0063
Var.	0.001
+Avg.	0.0049
-Avg.	-0.0062
In Tol.(%)	79.2453
Out Tol.(%)	20.7547
Over Tol.(%)	7.0755
Under Tol.(%)	13.6792

Product Name	[Product Name]	Department	[Department]	Date	Jan 05, 2020
Part Name	[Part Name]	Inspector	[Inspector]	Unit	in.

2D Compare15



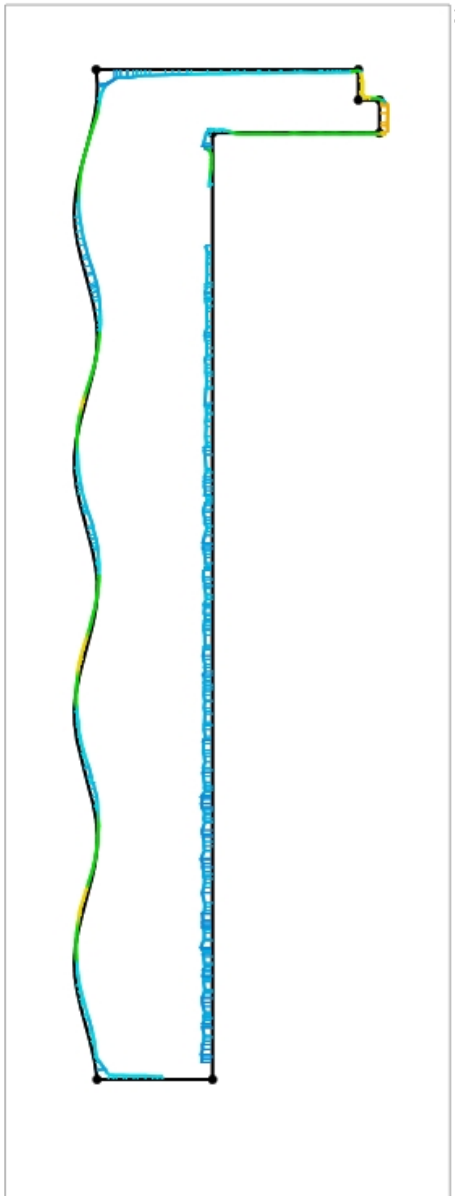


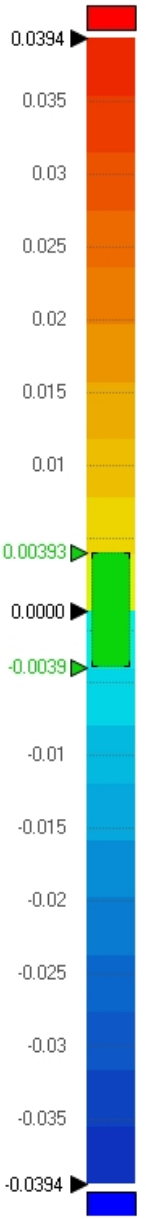


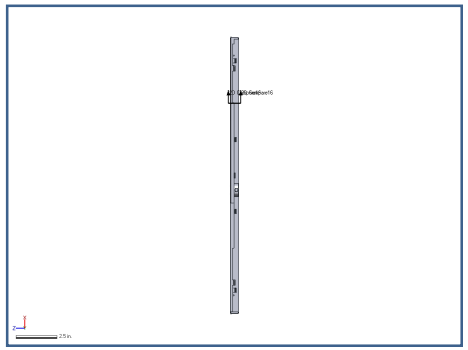
Min.	-0.0189
Max.	0.0319
Avg.	0.0008
RMS	0.0069
Std. Dev.	0.0068
Var.	0.0012
+Avg.	0.0049
-Avg.	-0.0058
In Tol.(%)	83.3698
Out Tol.(%)	16.6302
Over Tol.(%)	10.0656
Under Tol.(%)	6.5646

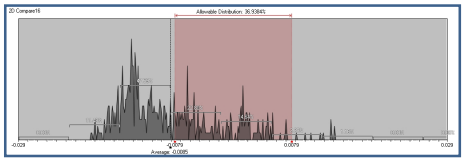
Product Name	[Product Name]	Department	[Department]	Date	Jan 05, 2020
Part Name	[Part Name]	Inspector	[Inspector]	Unit	in.

2D Compare16









Min.	-0.0192
Max.	0.0138
Avg.	-0.0085
RMS	0.0109
Std. Dev.	0.0068
Var.	0.0012
+Avg.	0.004
-Avg.	-0.0108
In Tol.(%)	36.9384
Out Tol.(%)	63.0616
Over Tol.(%)	1.8303
Under Tol.(%)	61.2313

Product Name	[Product Name]	Department	[Department]	Date	Jan 05, 2020
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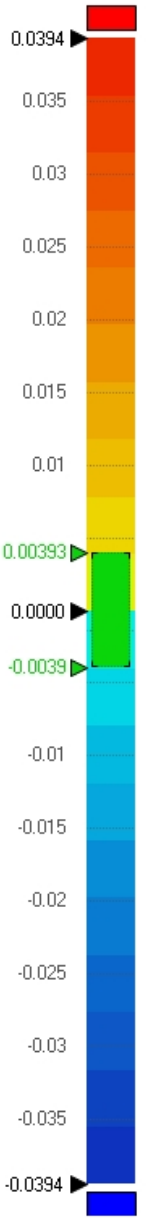
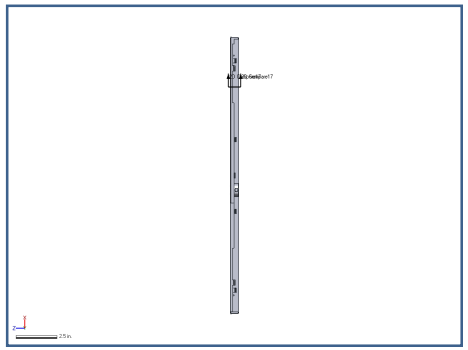
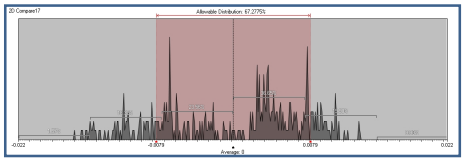
2D Compare17







Min.	-0.0162
Max.	0.013
Avg.	0
RMS	0.0073
Std. Dev.	0.0073
Var.	0.0014
+Avg.	0.0057
-Avg.	-0.0075
In Tol.(%)	67.2775
Out Tol.(%)	32.7225
Over Tol.(%)	14.3979
Under Tol.(%)	18.3246

Product Name	[Product Name]	Department	[Department]	Date	Jan 05, 2020
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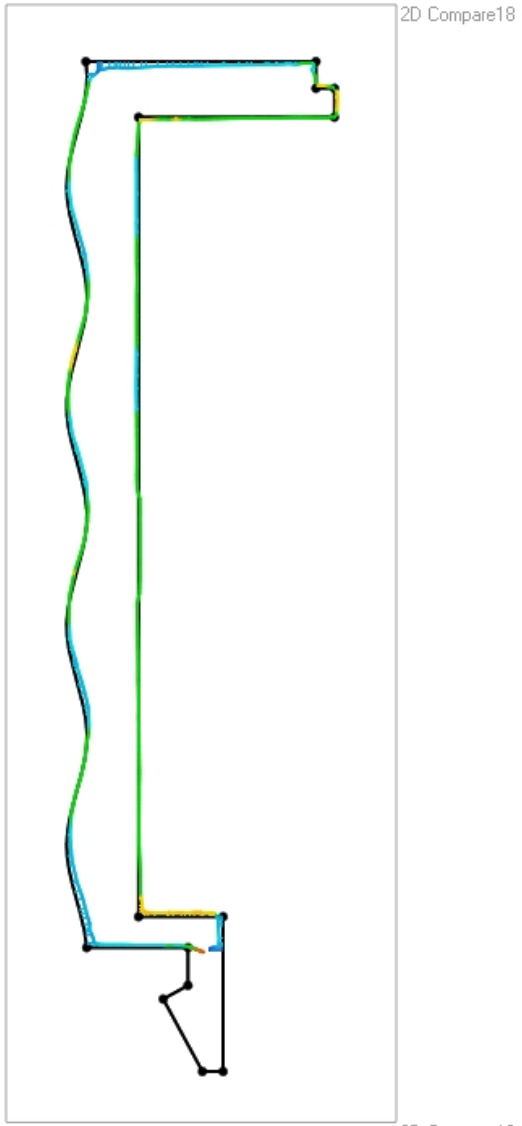
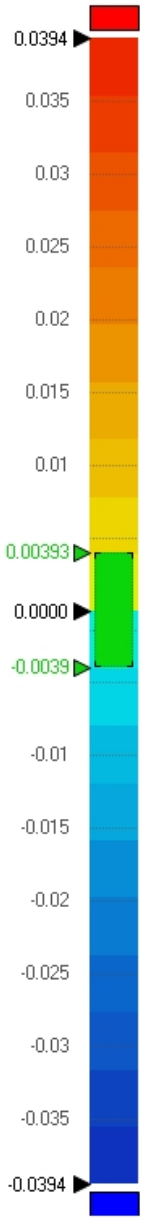
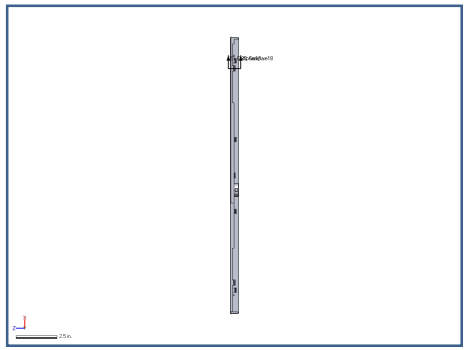
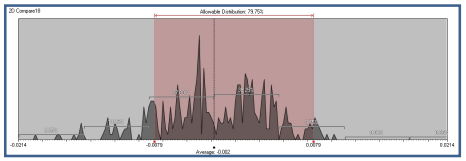
2D Compare18





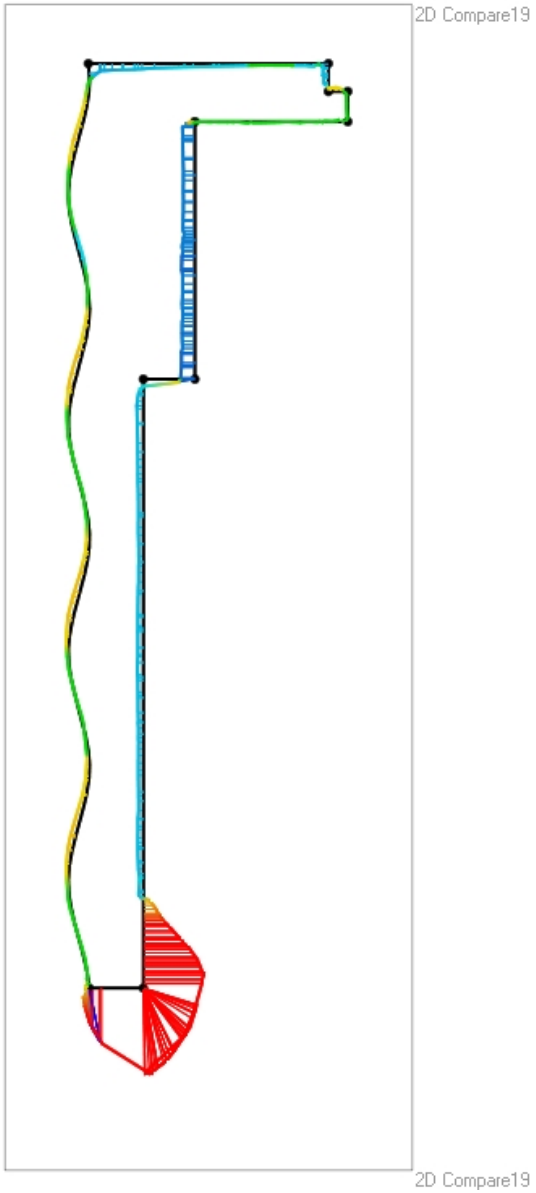


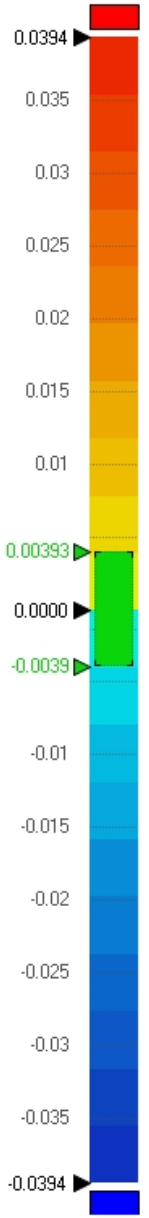


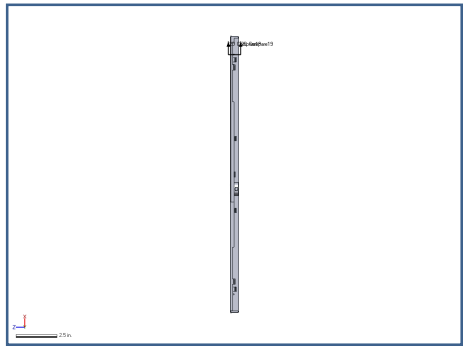
Min.	-0.0285
Max.	0.0323
Avg.	-0.002
RMS	0.0068
Std. Dev.	0.0065
Var.	0.0011
+Avg.	0.0036
-Avg.	-0.006
In Tol.(%)	79.75
Out Tol.(%)	20.25
Over Tol.(%)	3
Under Tol.(%)	17.25

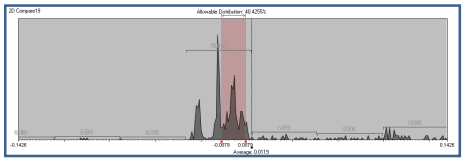
Product Name	[Product Name]	Department	[Department]	Date	Jan 05, 2020
Part Name	[Part Name]	Inspector	[Inspector]	Unit	in.

2D Compare19





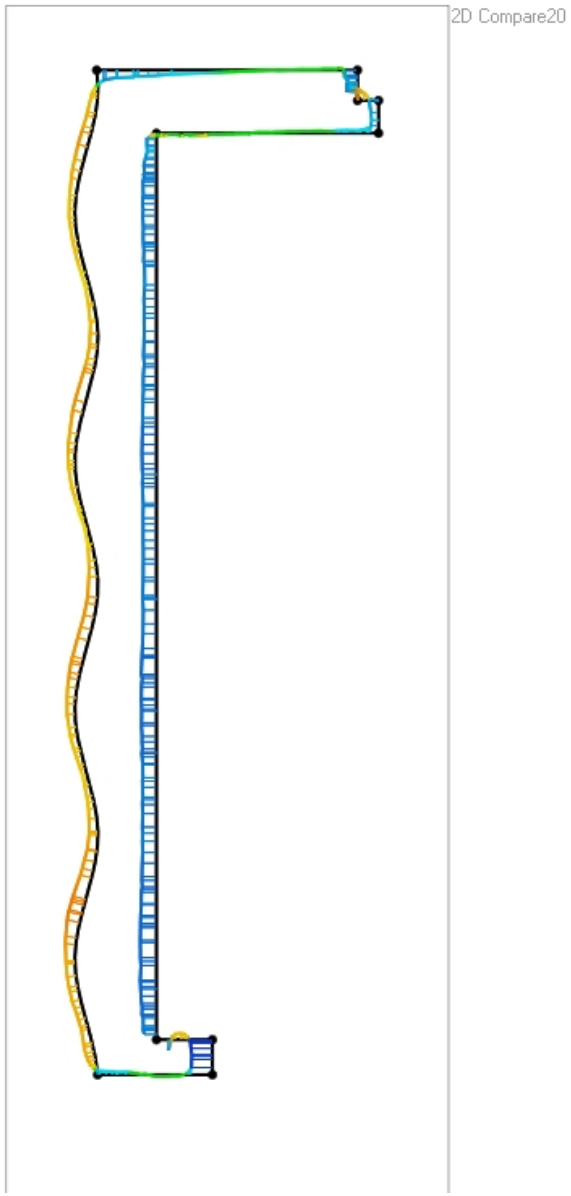


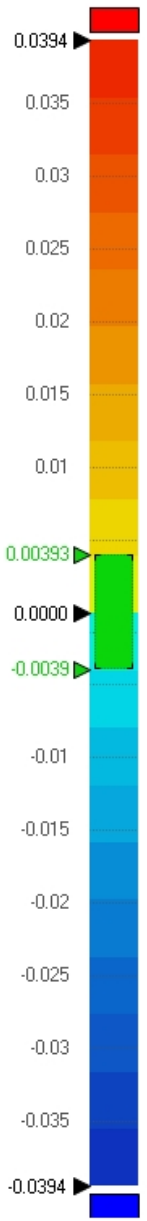


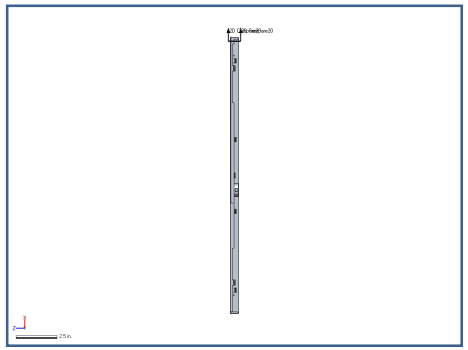
Min.	-0.1005
Max.	0.1568
Avg.	0.0119
RMS	0.0452
Std. Dev.	0.0436
Var.	0.0482
+Avg.	0.0396
-Avg.	-0.0123
In Tol.(%)	40.4255
Out Tol.(%)	59.5745
Over Tol.(%)	23.0174
Under Tol.(%)	36.5571

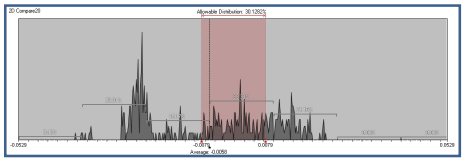
Product Name	[Product Name]	Department	[Department]	Date	Jan 05, 2020
Part Name	[Part Name]	Inspector	[Inspector]	Unit	in.

2D Compare20





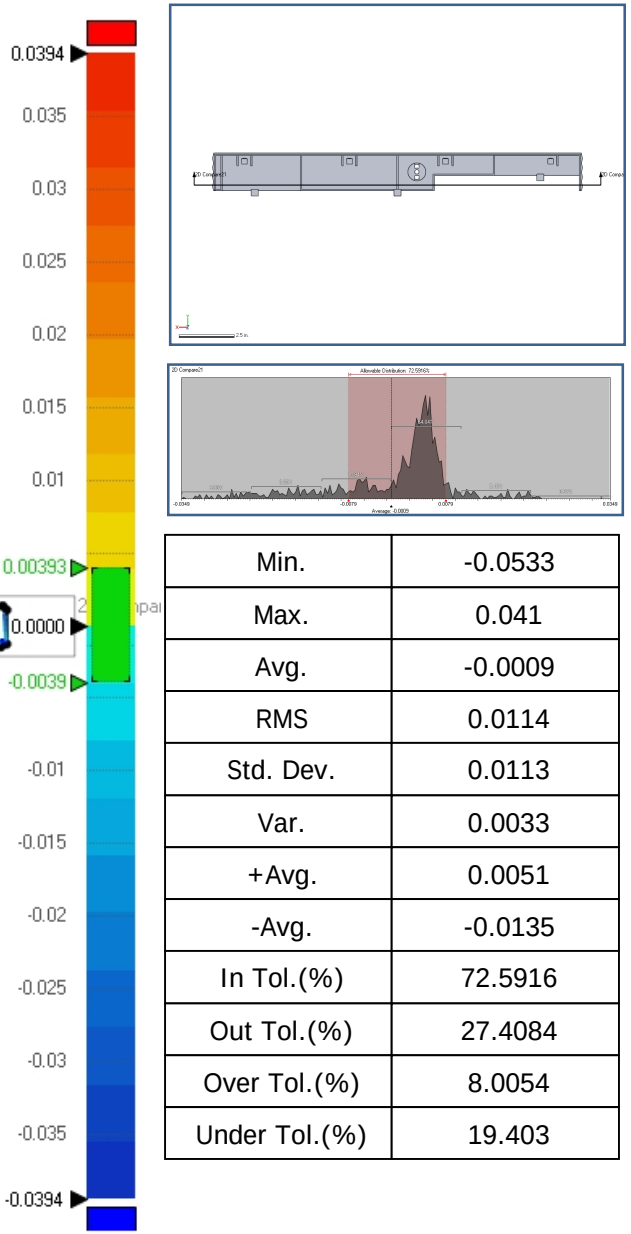




Min.	-0.0387
Max.	0.0229
Avg.	-0.0058
RMS	0.0167
Std. Dev.	0.0157
Var.	0.0062
+Avg.	0.0096
-Avg.	-0.0178
In Tol.(%)	30.1282
Out Tol.(%)	69.8718
Over Tol.(%)	26.4957
Under Tol.(%)	43.3761

Product Name	[Product Name]	Department	[Department]	Date	Jan 05, 2020
Part Name	[Part Name]	Inspector	[Inspector]	Unit	in.

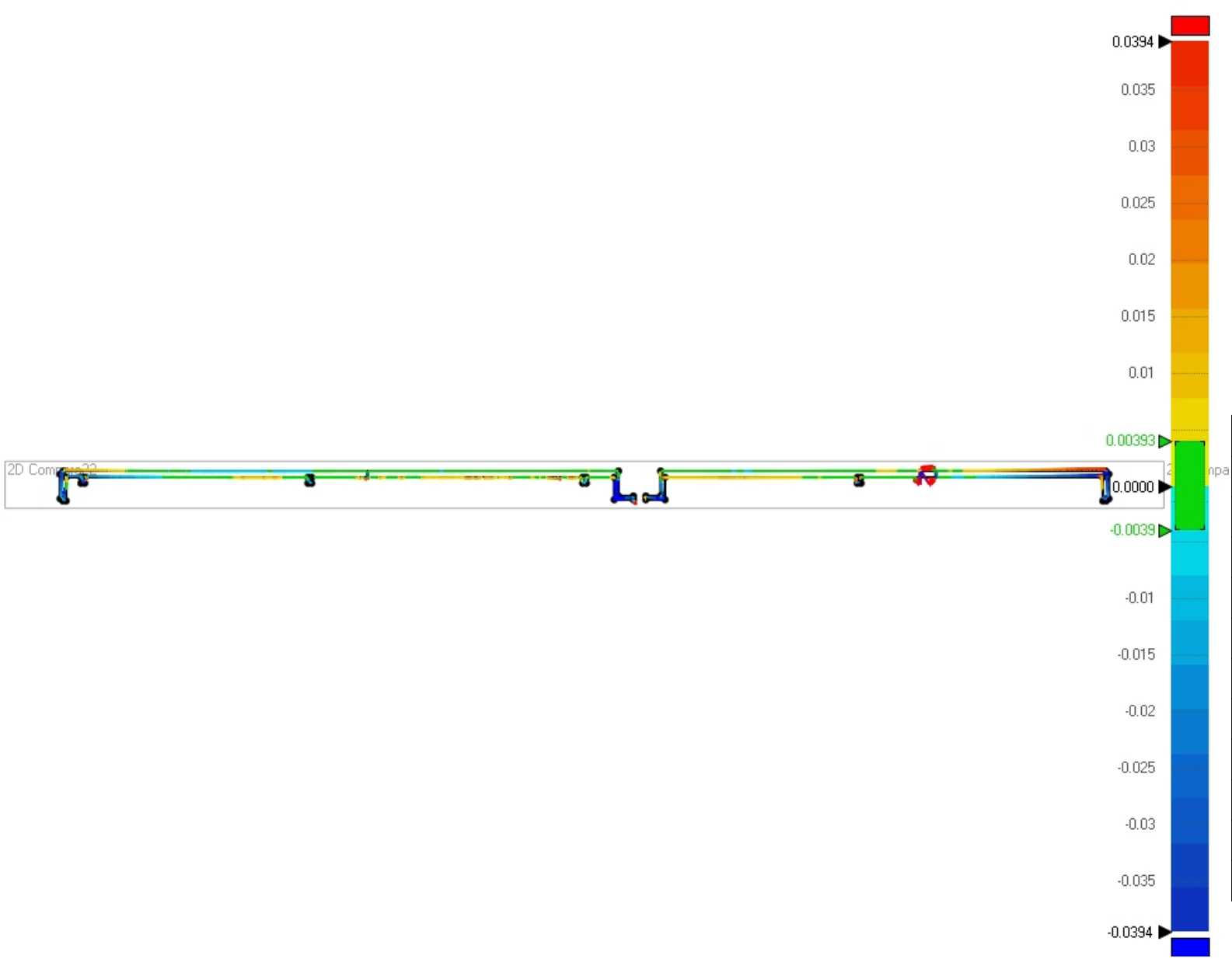
2D Compare21

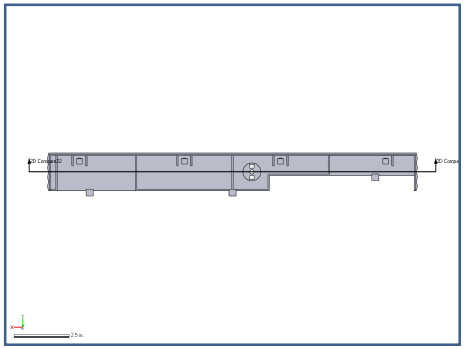


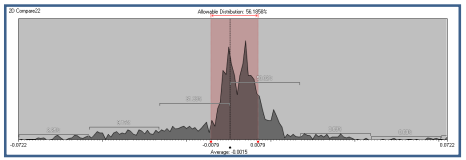
Min.	-0.0533
Max.	0.041
Avg.	-0.0009
RMS	0.0114
Std. Dev.	0.0113
Var.	0.0033
+Avg.	0.0051
-Avg.	-0.0135
In Tol.(%)	72.5916
Out Tol.(%)	27.4084
Over Tol.(%)	8.0054
Under Tol.(%)	19.403

Product Name	[Product Name]	Department	[Department]	Date	Jan 05, 2020
Part Name	[Part Name]	Inspector	[Inspector]	Unit	in.

2D Compare22



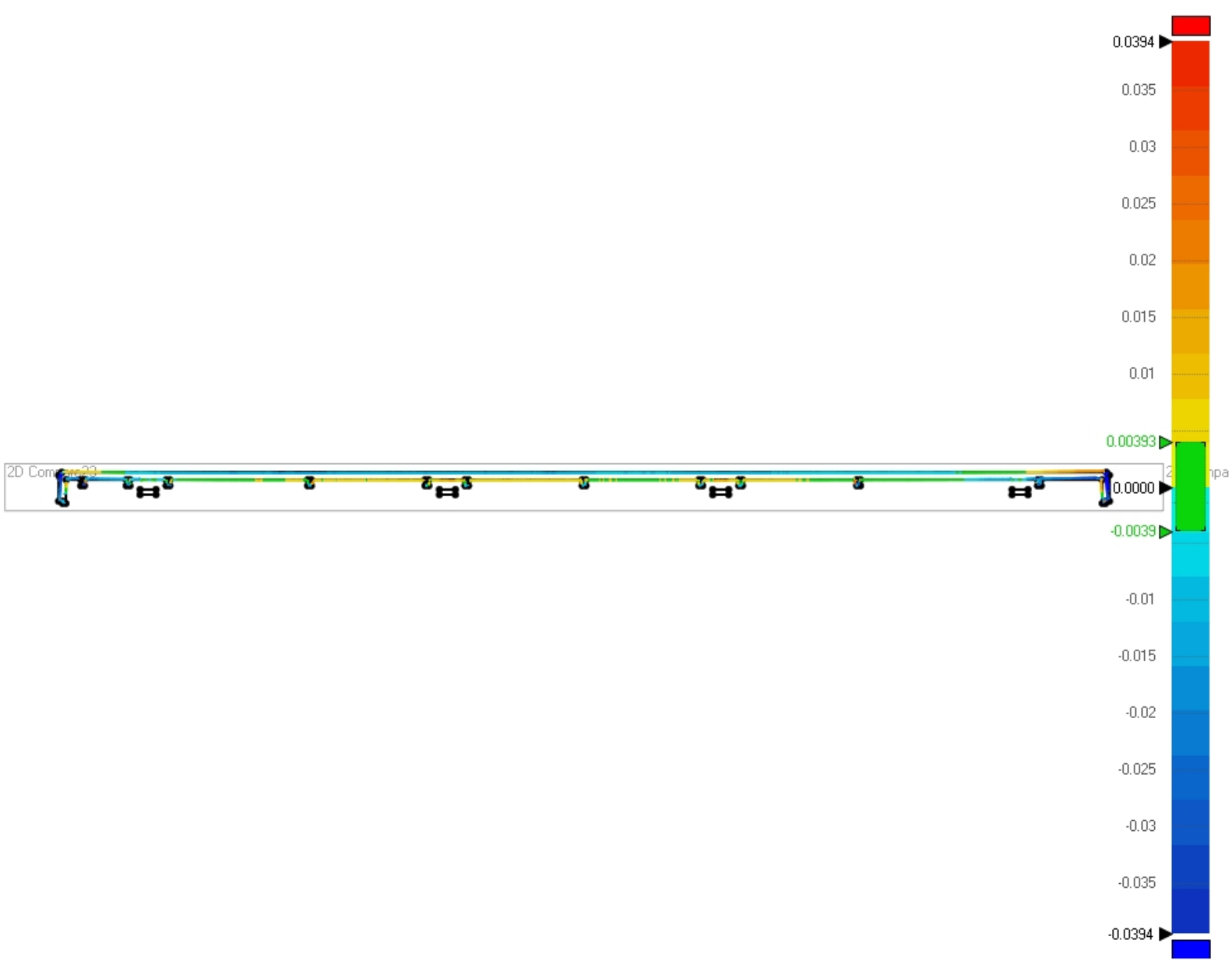


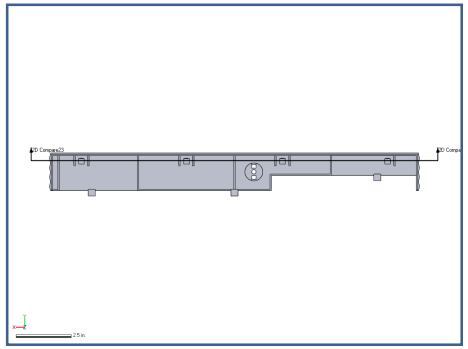


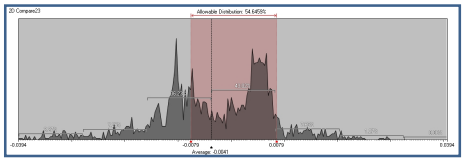
Min.	-0.1173
Max.	0.1215
Avg.	-0.0015
RMS	0.0236
Std. Dev.	0.0236
Var.	0.0141
+Avg.	0.0125
-Avg.	-0.0158
In Tol.(%)	56.1858
Out Tol.(%)	43.8142
Over Tol.(%)	19.7183
Under Tol.(%)	24.0959

Product Name	[Product Name]	Department	[Department]	Date	Jan 05, 2020
Part Name	[Part Name]	Inspector	[Inspector]	Unit	in.

2D Compare23



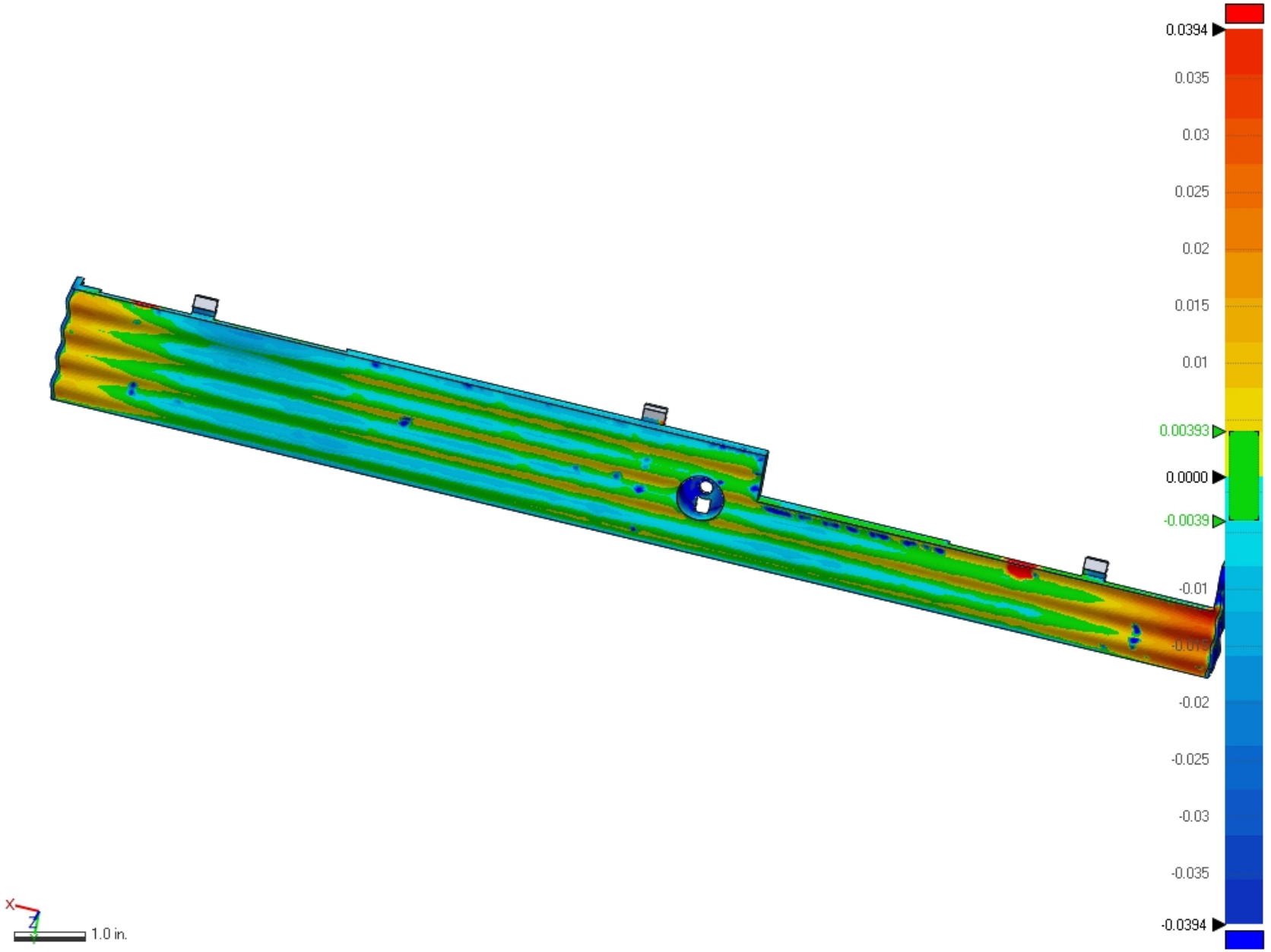




Min.	-0.0541
Max.	0.0287
Avg.	-0.0041
RMS	0.0124
Std. Dev.	0.0117
Var.	0.0035
+Avg.	0.0061
-Avg.	-0.0118
In Tol.(%)	54.6459
Out Tol.(%)	45.3541
Over Tol.(%)	8.596
Under Tol.(%)	36.7581

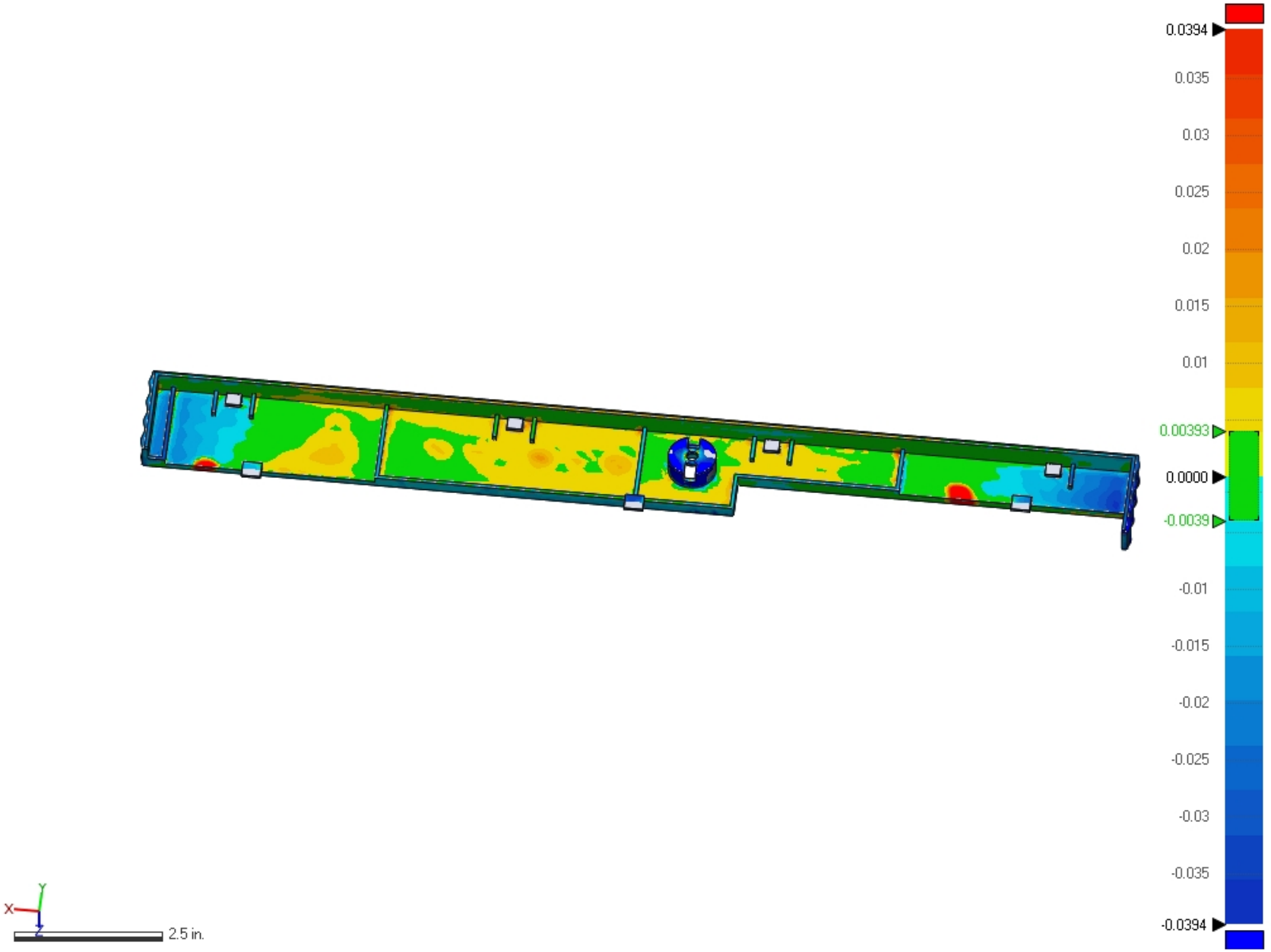
Product Name	[Product Name]	Department	[Department]	Date	Jan 05, 2020
Part Name	[Part Name]	Inspector	[Inspector]	Unit	in.

Custom View1



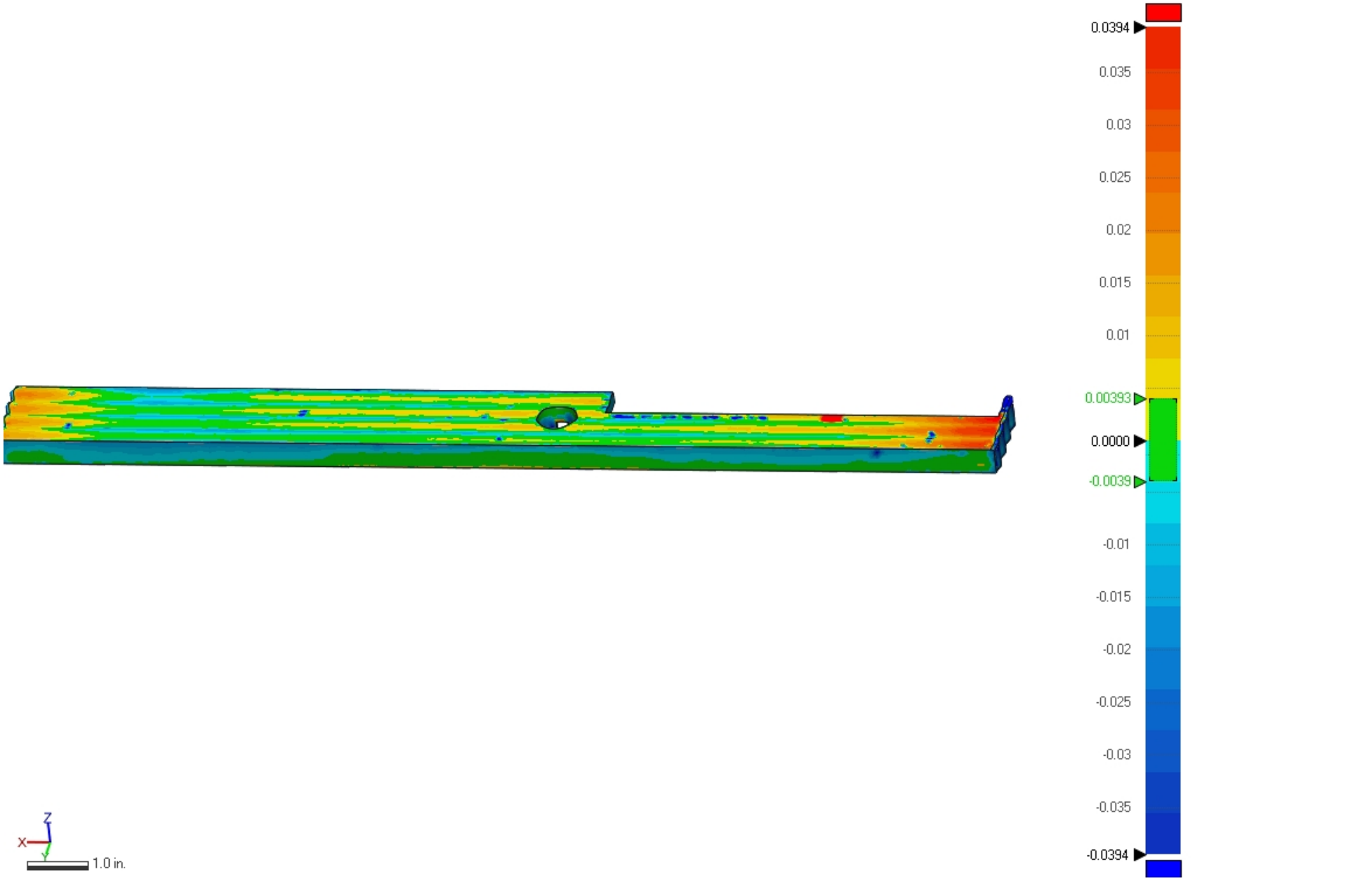
Product Name	[Product Name]	Department	[Department]	Date	Jan 05, 2020
Part Name	[Part Name]	Inspector	[Inspector]	Unit	in.

Custom View2



Product Name	[Product Name]	Department	[Department]	Date	Jan 05, 2020
Part Name	[Part Name]	Inspector	[Inspector]	Unit	in.

Custom View3



Product Name	[Product Name]	Department	[Department]	Date	Jan 05, 2020
Part Name	[Part Name]	Inspector	[Inspector]	Unit	in.